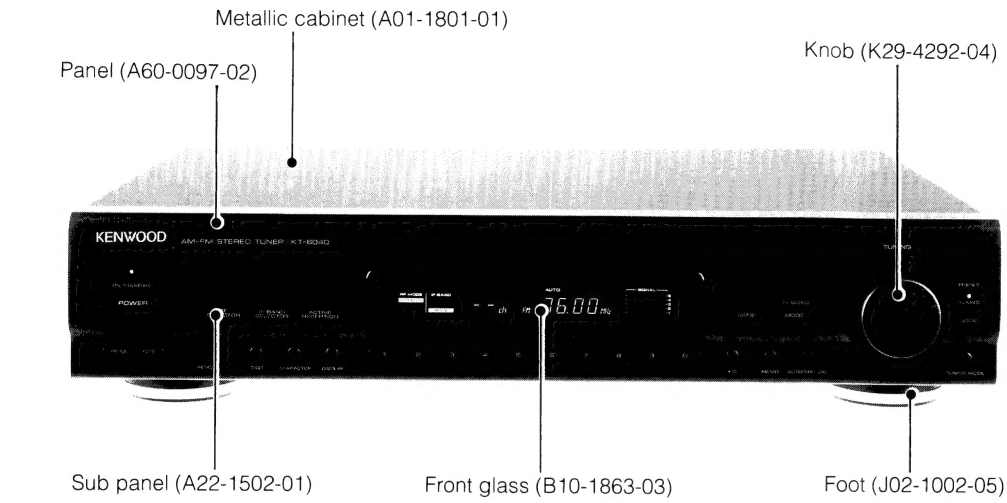
AM-FM STEREO TUNER

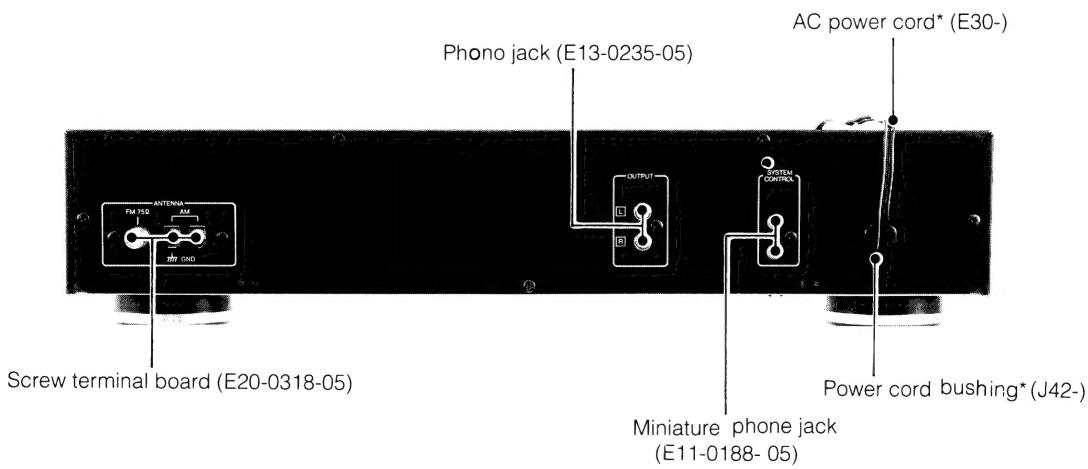
KT-6040

SERVICE MANUAL

KENWOOD

B51-4420-00 (J) 1882





*Refer to Parts List on page 23 .

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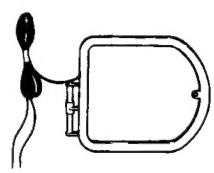
CONTENTS

ACCESSORIES

FM indoor antenna 1

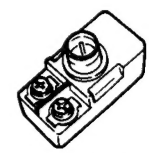
(T90-0176-05)

AM loop antenna 1



(T90-0173-05)

75 ohm/300 ohm
antenna adaptor 1



(T90-0136-05)

Loop antenna holder 1

(J19-2815-04)

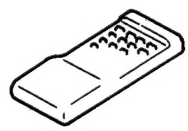
System control cord 1

(E30-0977-05)

Audio cord 1

(E30-0505-05)

Remote control unit 1

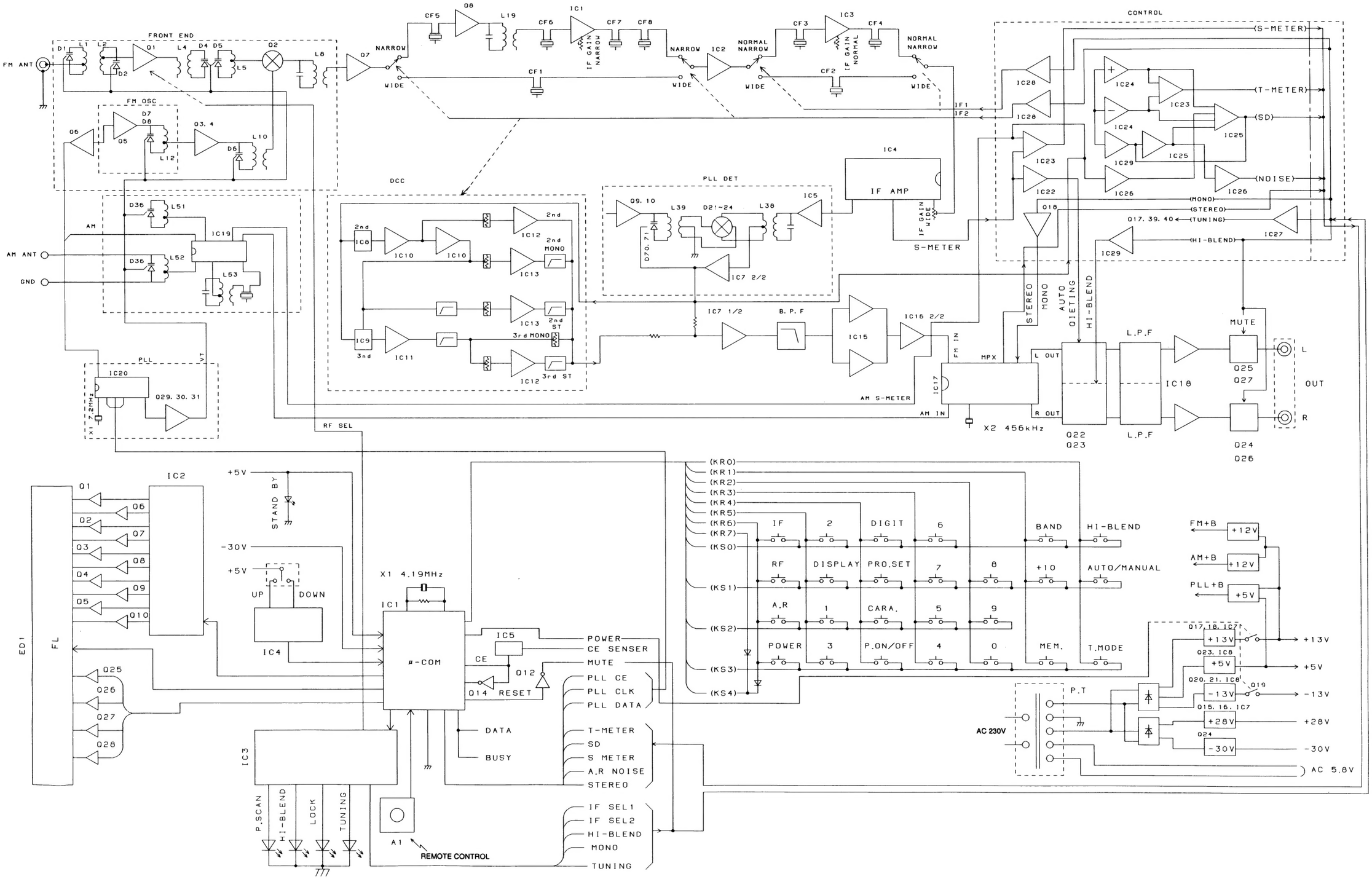


P, M type
(A70-0542-05)
X type
(A70-0563-05)

Batteries ("R03" or "AAA") 2

KT-6040 KT-6040

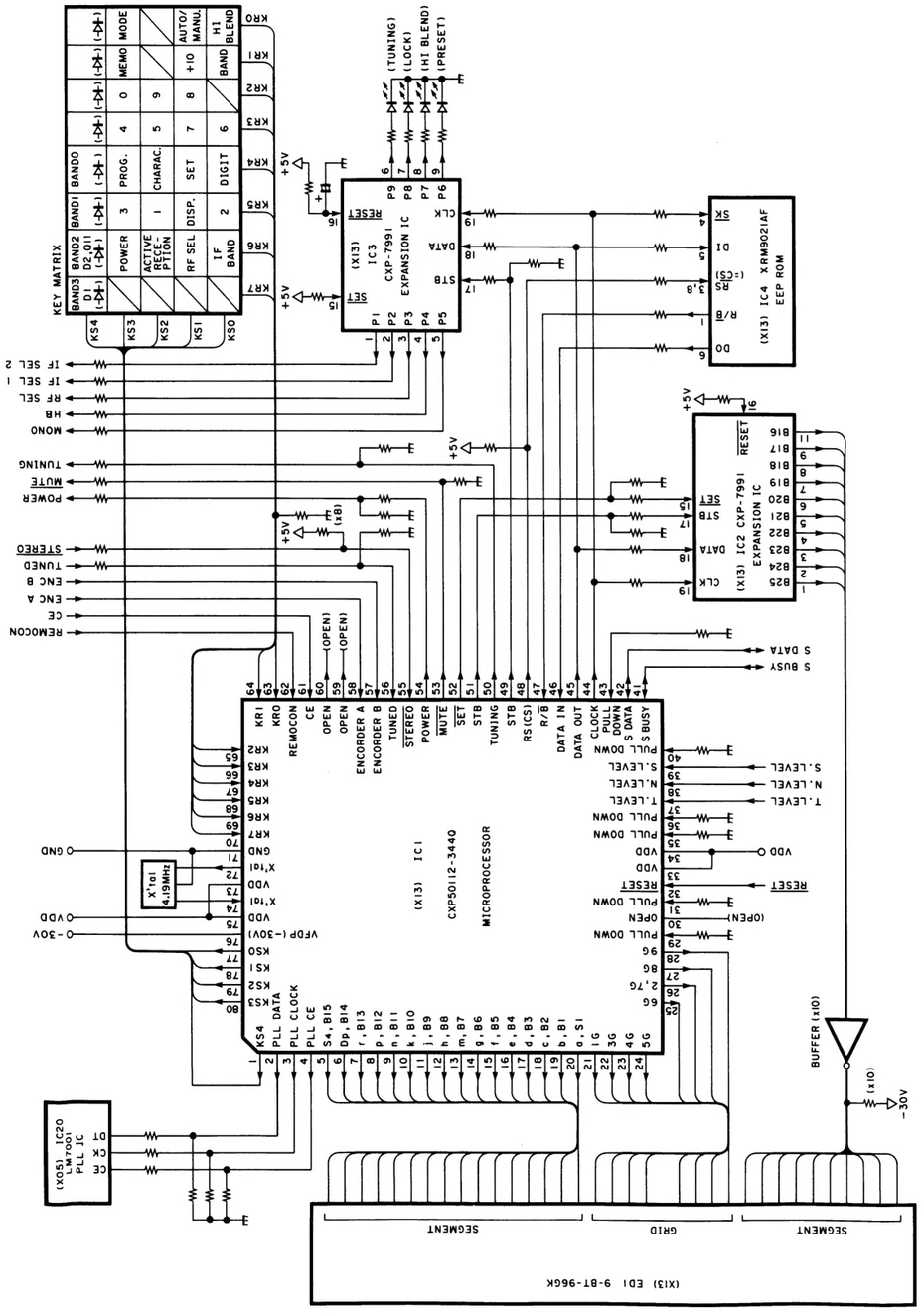
BLOCK DIAGRAM



CIRCUIT DESCRIPTION

1. CXP50112-344Q (X13 :IC1) Microprocessor IC

1.1 Terminal connection diagram



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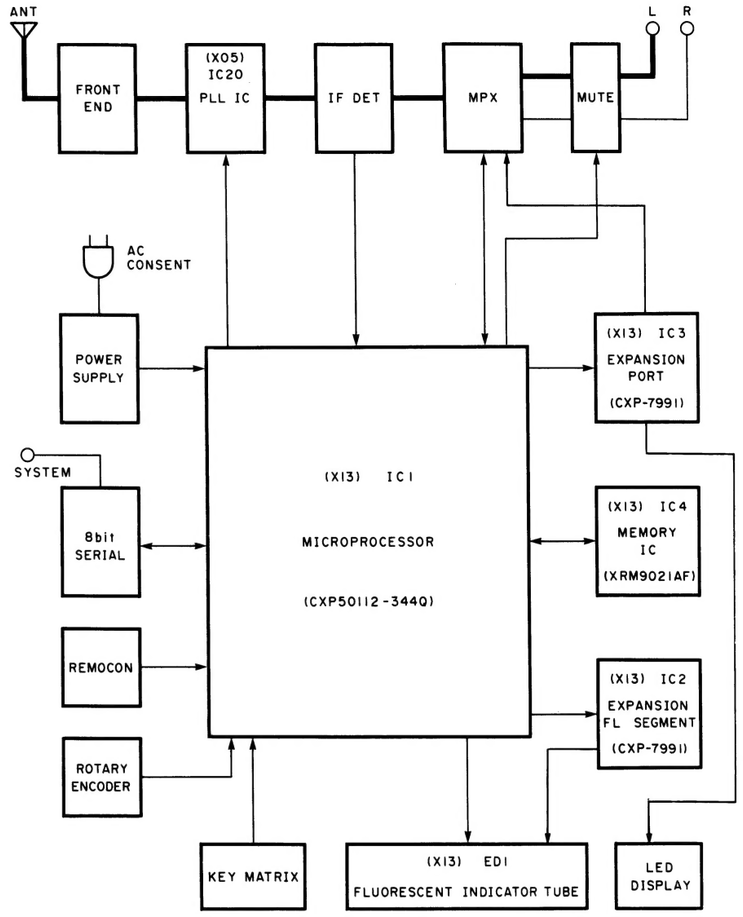
CIRCUIT DESCRIPTION



1.2 Initial status setting (reset)

(1) Method of setting

While pressing the MEMO key, and plug the power cable into an outlet.

(2) Contents

①	POWER	:	Low/(OFF)
②	MUTE	:	Low/(ON)
③	Forced MONO	:	OFF
④	High BLEND	:	Low/(OFF)
⑤	RF SEL	:	Low/(DISTANCE)
⑥	IF SEL1	:	Low
⑦	IF SEL2	:	Low/(WIDE)
⑧	TUNING	:	Low
⑨	FL display	:	All off
⑩	LED display	:	STANDBY display is lit up
⑪	State	:	• RAM state = All clear • Tuning mode = AUTO • P. ch memory = Test frequency • Last band = FM • Last frequency = Lowermost limit of each band. • Last P. ch = 「−−ch」 • Display mode = Frequency display • Encoder mode = TUNING

CIRCUIT DESCRIPTION

1.3 Test mode

(1) Method of setting

While holding the TUNING MODE key depressed, plug the AC power cord to the power outlet.

(2) Display of test mode

When the test mode is set, all FL tubes are lit up. The FL tubes are kept lit until there is a key entry which results in a change of the FL frequency display.

(3) Operations in test mode

The operations are basically the same as in normal operaiton modes. Only difference lies in the processing accompanying the + 10 key and 0 key (numeric keys).

Namely, the preset channel definition method using the + 10 key and numeric keys is different in the test mode. The preset channels are divided into four groups as shown below.

{01ch ~ 10ch/0 - ch/ - - ch} : Group 1
{11ch ~ 20ch/1 - ch } : Group 2
{21ch ~ 30ch/2 - ch } : Group 3
{31ch ~ 39ch/3 - ch } : Group 4

When the current channel is in group1, the 1 to 9 keys represent "01 ch" to "09 ch", and the 0 key represent "10 ch". Change from group 1 to another group does not occur until the + 10key is pressed.

Pressing the + 10 key allows to change the group. When it is pressed while the current group is group 1, the display changes to "1- ch" and the current group changed to group 2. Pressing the key while the current group is group 2 changes it to group 3 ("2- ch" display), pressing the key while the current group is group 3 changes it to group 4 ("3- ch" display), and pressing the key while the current group is group 4 changes it to group 1 ("0- ch" display).

(4) Method of canceling

Unplug the AC power cord.

1.4 Function of diodes and switches

Type	Diode SW 3	2	1	0	Band	Receiving frequency range	Inter channel space	IF	RF
J	1	0	0	0	FM	76.0 MHz ~ 90.0 MHz	100 kHz	-10.7 MHz	25 kHz
					AM	531kHz ~ 1602 kHz	9 kHz	+450 kHz	9 kHz
P, M1	0	1	0	0	FM	87.5 MHz ~ 108.0 MHz	100 kHz	+10.7 MHz	25 kHz
					AM	530 kHz ~ 1610 kHz	10 kHz	+450 kHz	10 kHz
K	0	1	1	0	FM	87.5 MHz ~ 108.0 MHz	100 kHz	+10.7 MHz	25 kHz
					AM	530 kHz ~ 1700 kHz	10 kHz	+450 kHz	10 kHz
X, T E, M2	0	0	0	0	FM	87.5 MHz ~ 108.0 MHz	25 kHz	+10.7 MHz	25 kHz
							50 kHz		
							100 kHz		
					AM	531 kHz ~ 1602 kHz	9 kHz	+450 kHz	9 kHz

0: Without diode 1: With diode

DIODE SW 0 → Preset memory mode
0 : 3 memories (Band, frequency and character)
1 : 6 memories (Band, frequency, character, IF, RF and MONO/ST)

DIODE SW 1 → 0 : AM NARROW
1 : AM WIDE

DIODE SW 2 → M type is modified into type M1 or M2 by replacing with CHANNEL SPACE SW.
0 : FM 25kHz/step、AM 9kHz/step
1 : FM100kHz/step、AM10kHz/step

DIODE SW 3 → 0 : P, M, X, T and E type

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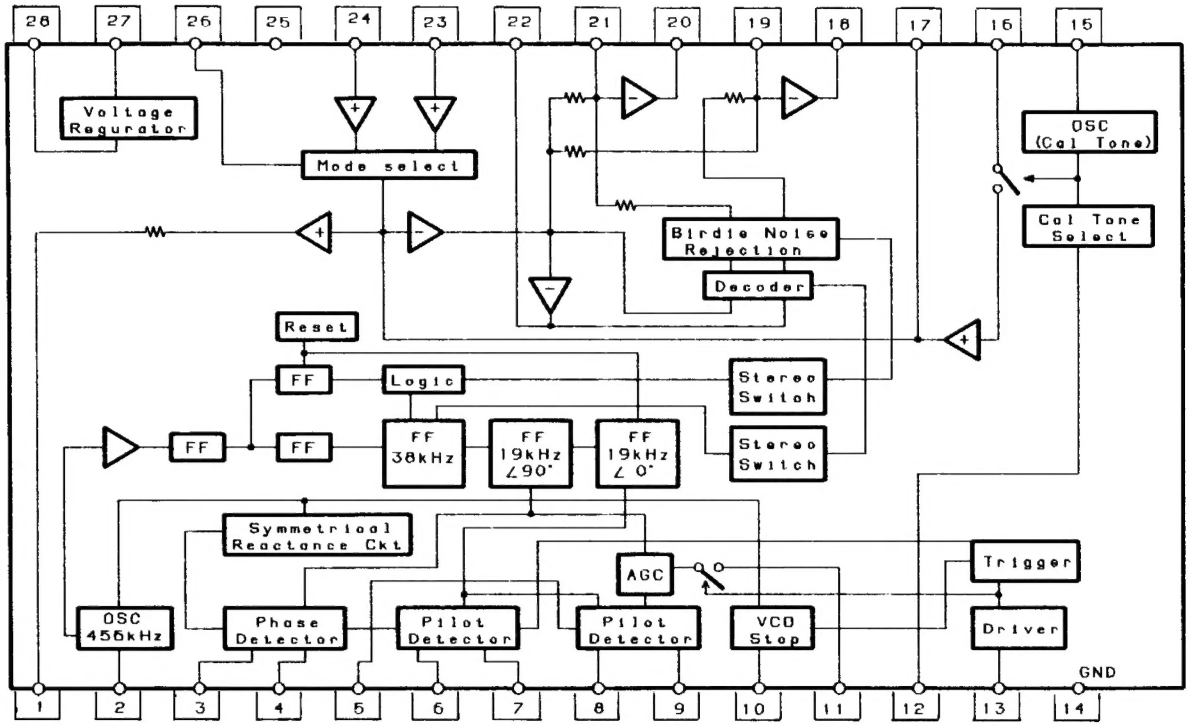
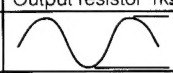
CIRCUIT DESCRIPTION

2. LA3450 (X05 : IC17) FM MPX

Block diagram



Terminal description

Pin No.	Voltage	Pin name	Remarks
1	5.7 V	Composite amplifier output	Output resistor 1kΩ
2	-	OSC	 4.3 V 2.3 V f ≒ 456 kHz
3, 4	2.6 V	Loop filter	
5	2.6 V	PLL input	
6, 7	2.6 V	Pilot synchronism detector filter	
8, 9	2.6 V	Pilot synchronism detector filter	For pilot cancel
10	-	VCO stop	Input resistor 120kΩ
11	-	Pilot cancel	Chopping wave output
12	3.8 V	Cal tone control	
13	-	Stereo indicator	Open collector
14	0	GND	
15	-	Cal tone oscillate output	 2.8 V 1.2 V f ≒ 400 Hz
16	5.7 V	Cal tone input	
17	5.7 V	Pilot cancel input	
18	5.7 V	Post amplifier output	Lch output
19	5.7 V	Post amplifier input	Lch input, (-) input
20	5.7 V	Post amplifier output	Rch output
21	5.7 V	Post amplifier input	Rch input, (-) input
22	5.7 V	Separation adjustment	
23	5.7 V	AM input	Input resistor 20kΩ
24	5.7 V	FM input	Input resistor 20kΩ
25	0	SIGNAL GND	
26	-	AM/FM select	Input resistor 120kΩ
27	5.7 V	Vref	Reference voltage
28	Vcc	Power supply	

ADJUSTMENT

No.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
FM SECTION Unless otherwise specified, the individual switches should be set as following: SELECTOR:FM IF BAND:WIDE RF SELECTOR:DISTANCE A.R.:OFF TUNING MODE:AUTO PROGRAM:OFF							
1	VT (1)	–	Connect a DC voltmeter between TP11(VT) and TP12.	87.5MHz	L12 (X05-)	3.0V	(a)
2	VT (2)	–	Connect a DC voltmeter between TP11(VT) and TP12.	108.0MHz	TC1 (X05-)	25.0V	(a)
Repeat alignments 1 and 2 several times.							
3	VCO DETECTOR	(A) 98.0MHz Dev.ON(±75kHz)→OFF 100dBμ(ANT input)	Connect a DC voltmeter and an oscilloscope between TP4(DET OUT) and GND.	98.0MHz	L39 (X05-)	Turn the core to confirm an outout with dev.ON(±75kHz), then adjust the voltage to 0V±10mV with dev.OFF.	(b)
4	SENSITIVITY (1)	(A) 98.0MHz 1kHz,±75kHz dev	(B)	98.0MHz	★ L1,2,4,5,10 (X05-)	Maximum amplitude and symmetry of the oscilloscope display.	
★ Repeat the sequence from L1→L2→L4→L5→L10→L1→·····a few times.							
5	SENSITIVITY (2)	(A) 98.0MHz 1kHz,±75kHz dev	(B)	98.0MHz	L8 (X05-)	Maximum amplitude and symmetry of the oscilloscope display.	
6	AUTO-STOP SENSITIVITY (1)	(A) 98.0MHz 1kHz,±75kHz dev ✱ 12dBμ(ANT input)	–	98.0MHz IF BAND: WIDE	VR1 (X05-)	Position where the 1st.point indicator lights when the control is rotated gradually counterclockwise from the most.	
7	AUTO-STOP SENSITIVITY (2)	(A) 98.0MHz 1kHz,±75kHz dev ✱ 12dBμ(ANT input)	–	98.0MHz IF BAND: NORMAL	VR2 (X05-)	Position where the 1st.point indicator lights when the control is rotated gradually clockwise from the most.	
8	AUTO-STOP SENSITIVITY (3)	(A) 98.0MHz 1kHz,±75kHz dev ✱ 12dBμ(ANT input)	–	98.0MHz IF BAND: NARROW	VR3 (X05-)	Position where the 1st.point indicator lights when the control is rotated gradually clockwise from the most.	
9	DISTORTION(1) MONO	(C) 98.0MHz SELECTOR: MONO 1kHz,±75kHz dev ✱ 80dBμ(ANT input)	(B)	98.0MHz IF BAND: WIDE	VR4(DET) VR5(2nd) VR6(3rd) (X05-)	Minimum distortion.	
10	DISTORTION(2) MONO	(C) 98.0MHz SELECTOR: MONO 1kHz,±75kHz dev ✱ 80dBμ(ANT input)	(B)	98.0MHz IF BAND: NORMAL	VR9(2nd) VR10(3rd) (X05-)	Minimum distortion.	
✱X,T and E types:1kHz,±40kHz dev							
11	DISTORTION(3) STEREO	(C) 98.0MHz SELECTOR: L+R 1kHz,±68.25kHz dev Pilot:±6.75kHz dev 80dBμ(ANT input)	(B)	98.0MHz IF BAND: WIDE	VR7(2nd) (X05-)	Minimum distortion.	
12	DISTORTION(4) STEREO	(C) 98.0MHz SELECTOR: L-R 1kHz,±68.25kHz dev Pilot:±6.75kHz dev 80dBμ(ANT input)	(B)	98.0MHz IF BAND: WIDE	VR8(3rd) (X05-)	Minimum distortion.	
13	DISTORTION(5) STEREO	(C) 98.0MHz SELECTOR: L+R 1kHz,±68.25kHz dev Pilot:±6.75kHz dev 80dBμ(ANT input)	(B)	98.0MHz IF BAND: NORMAL	VR11(2nd) (X05-)	Minimum distortion.	

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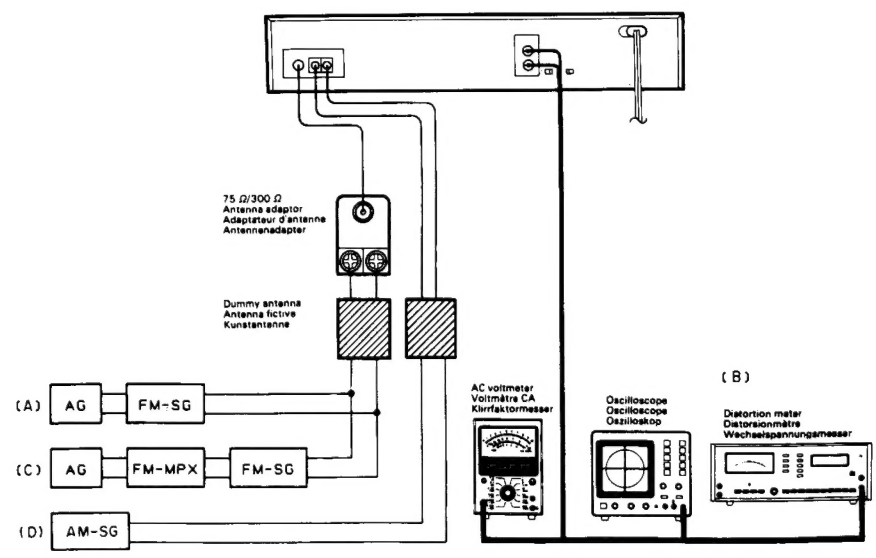
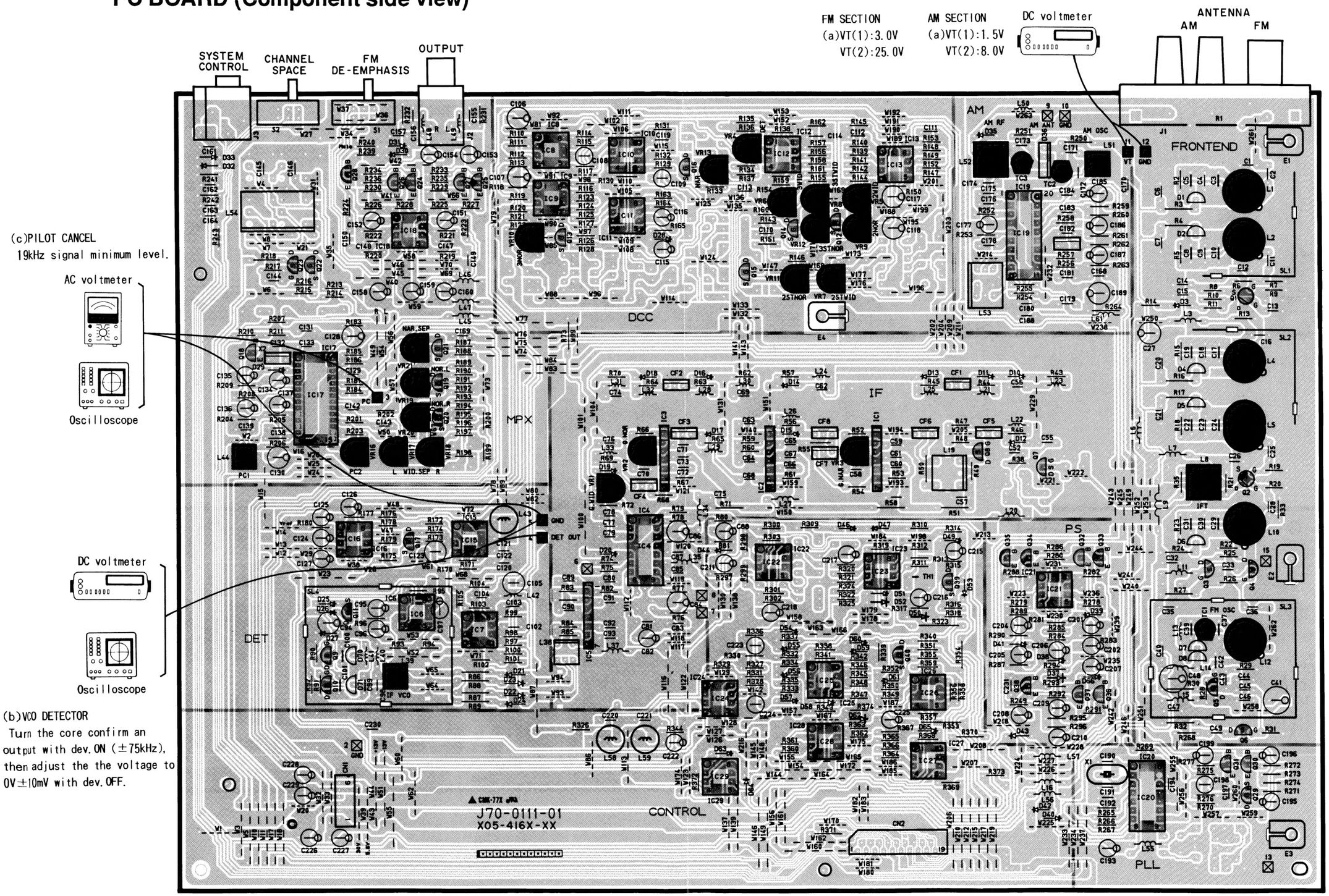
ADJUSTMENT

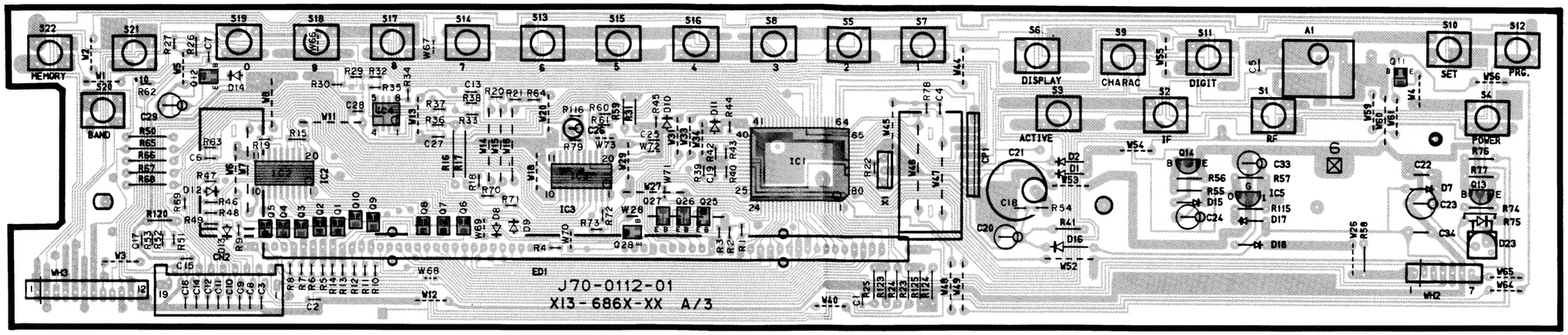
No.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
14	DISTORTION(6) STEREO	(C) 98.0MHz SELECTOR: L R 1kHz,±68.25kHz dev Pilot:±6.75kHz dev 80dBμ(ANT input)	(B)	98.0MHz IF BAND: NORMAL	VR12(3rd) (X05-)	Minimum distortion.	
15	DISTORTION(7) STEREO	(C) 98.0MHz SELECTOR: L-R 1kHz,±68.25kHz dev Pilot:±6.75kHz dev 80dBμ(ANT input)	(B)	98.0MHz IF BAND: NARROW	VR13 (X05-)	Minimum distortion.	
16	PILOT CANCEL	(C) 98.0MHz Pilot:±6.75kHz dev 80dBμ(ANT input)	Connect an AC voltmeter and an oscilloscope between TP3(PC) and GND.	98.0MHz IF BAND: WIDE	L44 VR16 (X05-)	19kHz signal minimum level.	(c)
17	SEPARATION (1)	(C) 98.0MHz 1kHz,±68.25kHz dev Pilot:±6.75kHz dev 80dBμ(ANT input)	(B)	98.0MHz IF BAND: WIDE	VR17(L) VR18(R) (X05-)	Optimize the separation	
18	SEPARATION (2)	(C) 98.0MHz 1kHz,±68.25kHz dev Pilot:±6.75kHz dev 80dBμ(ANT input)	(B)	98.0MHz IF BAND: NORMAL	VR19(L) VR20(R) (X05-)	Optimize the separation	
19	SEPARATION (3)	(C) 98.0MHz 1kHz,±68.25kHz dev Pilot:±6.75kHz dev 80dBμ(ANT input)	(B)	98.0MHz IF BAND: NARROW	VR21 (X05-)	Optimize the separation	
AM SECTION	Keep the AM loop antenna installed.		SELECTEOR:AM	TUNING MODE:AUTO	PROGRAM:OFF		
[1]	VT (1)	-	Connect a DC voltmeter between TP11(VT) and TP12.	530kHz	L51 (X05-)	1.5V	(a)
[2]	VT (2)	-	Connect a DC voltmeter between TP11(VT) and TP12.	1610kHz	TC2 (X05-)	8.0V	(a)
Repeat alignments [1] and [2] several times.							
[3]	SENSITIVITY (1)	(D) ☆ 630kHz 1kHz,30% mod	(B)	630kHz	L52 (X05-)	Maximum amplitude and symmetry of the oscilloscope display.	
[4]	SENSITIVITY (2)	(D) ☆ 1440kHz 1kHz,30% mod	(B)	1440kHz	TC3 (X05-)	Maximum amplitude and symmetry of the oscilloscope display.	
Repeat alignments [3] and [4] several times.							
☆ The peak will be easier to locate if the test loop antenna is used.							

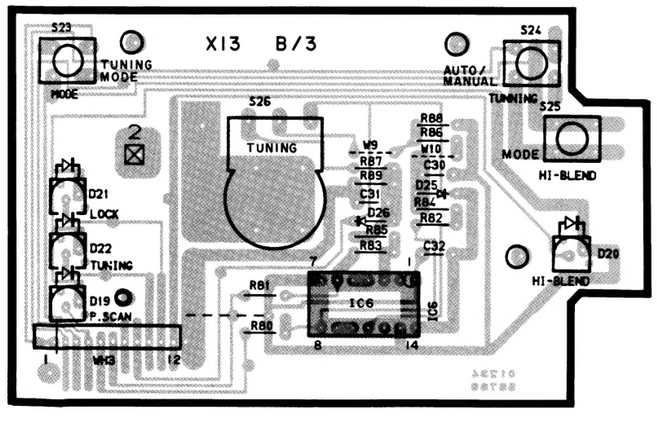


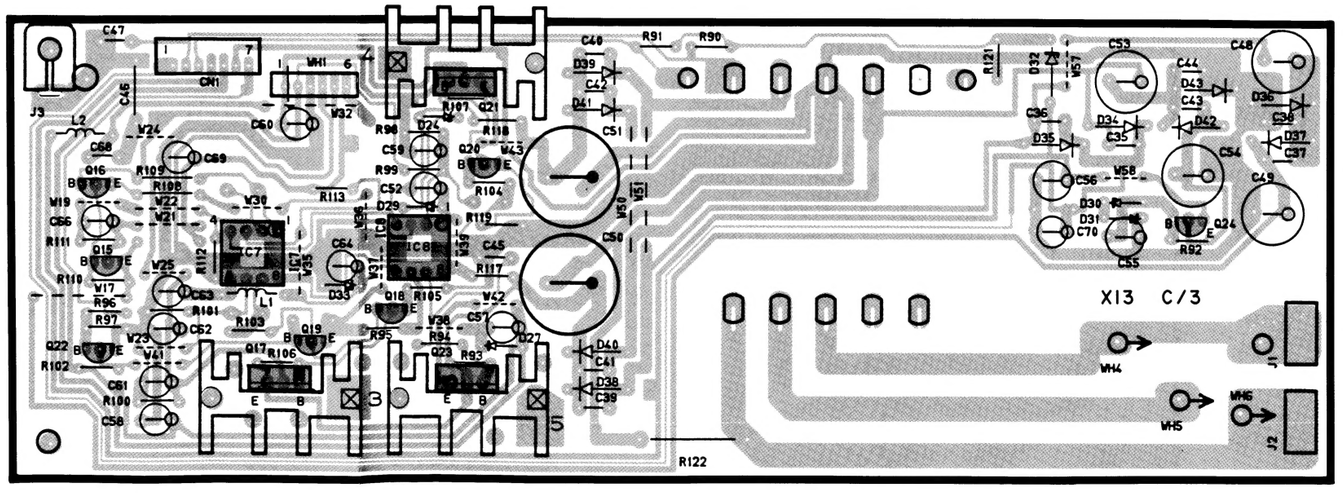
PC BOARD (Component side view)



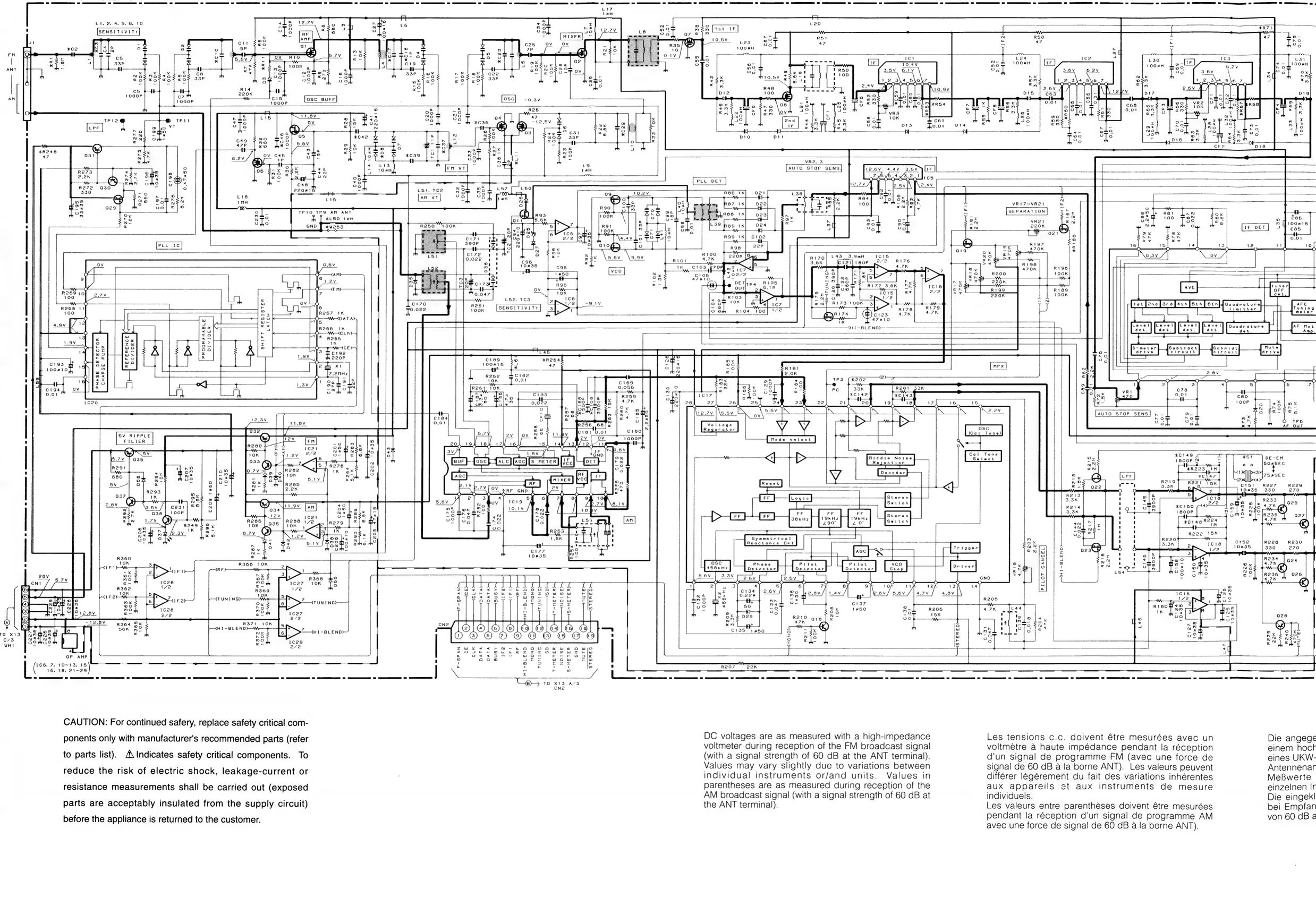
PC BOARD (Component side view)







X05-4160-01 TUNER UNIT

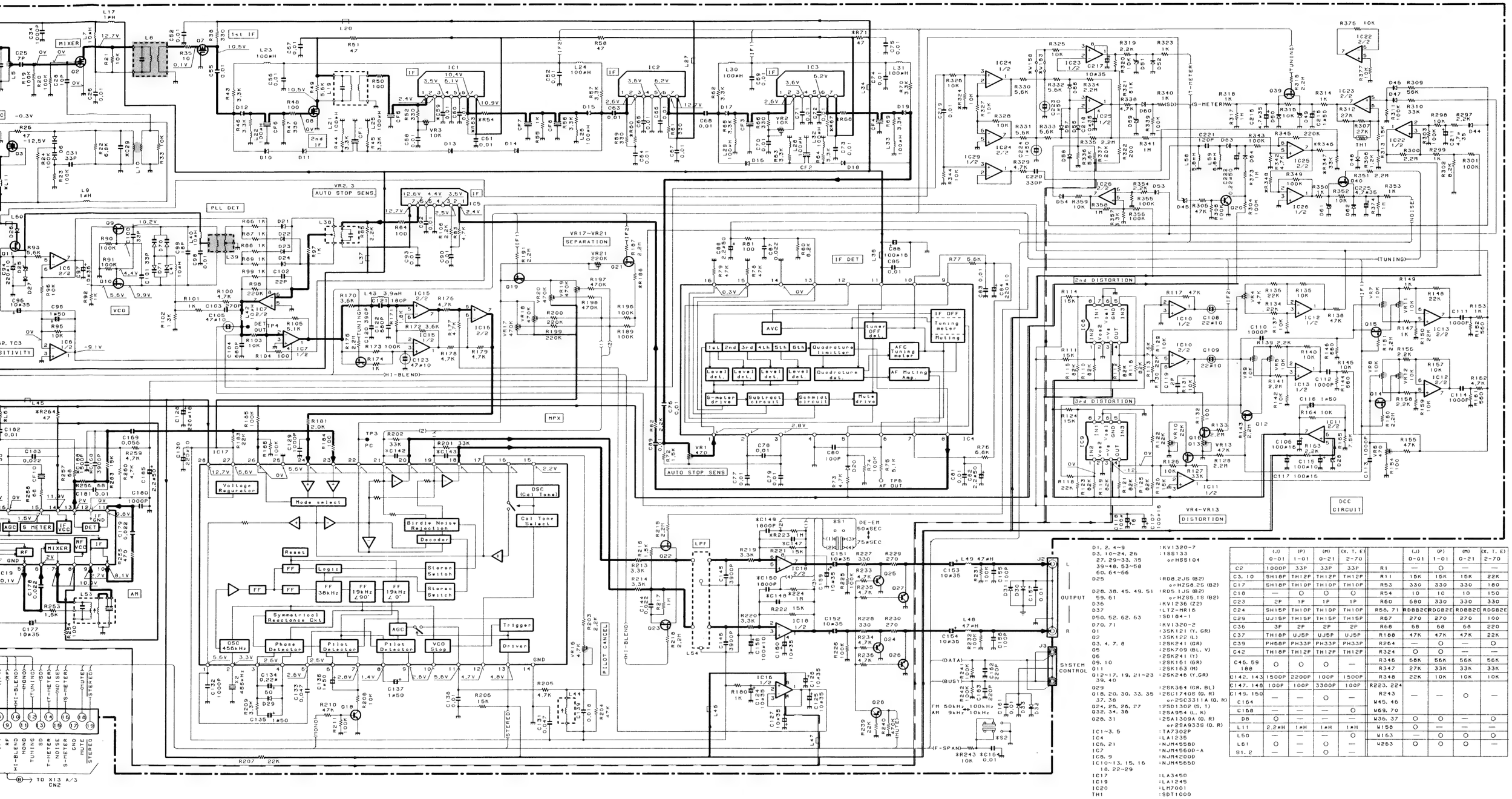


CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

DC voltages are as measured with a high-impedance voltmeter during reception of the FM broadcast signal (with a signal strength of 60 dB at the ANT terminal). Values may vary slightly due to variations between individual instruments or/and units. Values in parentheses are as measured during reception of the AM broadcast signal (with a signal strength of 60 dB at the ANT terminal).

Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance pendant la réception d'un signal de programme FM (avec une force de signal de 60 dB à la borne ANT). Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels.
Les valeurs entre parenthèses doivent être mesurées pendant la réception d'un signal de programme AM avec une force de signal de 60 dB à la borne ANT).

Die angege
einem hoch
eines UKW-
Antennenan
Meßwerte
einzelnen In
Die eingekl
bei Empfan
von 60 dB a



DC voltages are as measured with a high-impedance voltmeter during reception of the FM broadcast signal (with a signal strength of 60 dB at the ANT terminal). Values may vary slightly due to variations between individual instruments or/and units. Values in parentheses are as measured during reception of the AM broadcast signal (with a signal strength of 60 dB at the ANT terminal).

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Les valeurs entre parenthèses doivent être mesurées pendant la réception d'un signal de programme AM avec une force de signal de 60 dB à la borne ANT).

Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser bei Empfang eines UKW-Signals (mit einer Feldstärke von 60 dB am Antennenanschluß) gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u.U. geringfügig. Die eingeklammerten Gleichspannungswerte wurden bei Empfang eines MW-Signals (mit einer Feldstärke von 60 dB am Antennenanschluß) gemessen.

D1, 2, 4~9	:KV1320-7
D3, 10~24, 26	:1SS133
27, 29~33, 35	or HSS104
39~48, 53~58	
60, 64~66	
D25	:RD8.2JS (B2)
	or HZ9.2S (B2)
D28, 38, 45, 49, 51	:RD5.1JS (B2)
59, 61	or HZ5.1S (B2)
D36	:KV1236 (Z2)
D37	:LT2-HR1B
D50, 52, 62, 63	:SD184-1
D70, 71	:KV1320-2
D1	:3SK121 (Y, GR)
D2	:3SK122 (L)
D3, 4, 7, 8	:2SK241 (GR)
D5	:2SK709 (BL, V)
D6	:2SK241 (Y)
D9, 10	:2SK161 (GR)
D11	:2SK163 (M)
D12~17, 19, 21~23	:2SK246 (Y, GR)
39, 40	
D29	:2SK364 (GR, BL)
D18, 20, 30, 33, 35	:2SC1740S (Q, R)
37, 38	or 2SC3311A (Q, R)
D24, 25, 26, 27	:2SD1302 (S, T)
D32, 34, 36	:2SA954 (L, K)
D28, 31	:2SA1309A (Q, R)
	or 2SA933S (Q, R)
IC1~3, 5	:TA7302P
IC4	:LA1235
IC6, 21	:NJM4558D
IC7	:NJM4560D-A
IC8, 9	:NJM4200D
IC10~13, 15, 16	:NJM4565D
18, 22~29	
IC17	:LA3450
IC19	:LA1245
IC20	:LM7001
TH1	:SDT1000

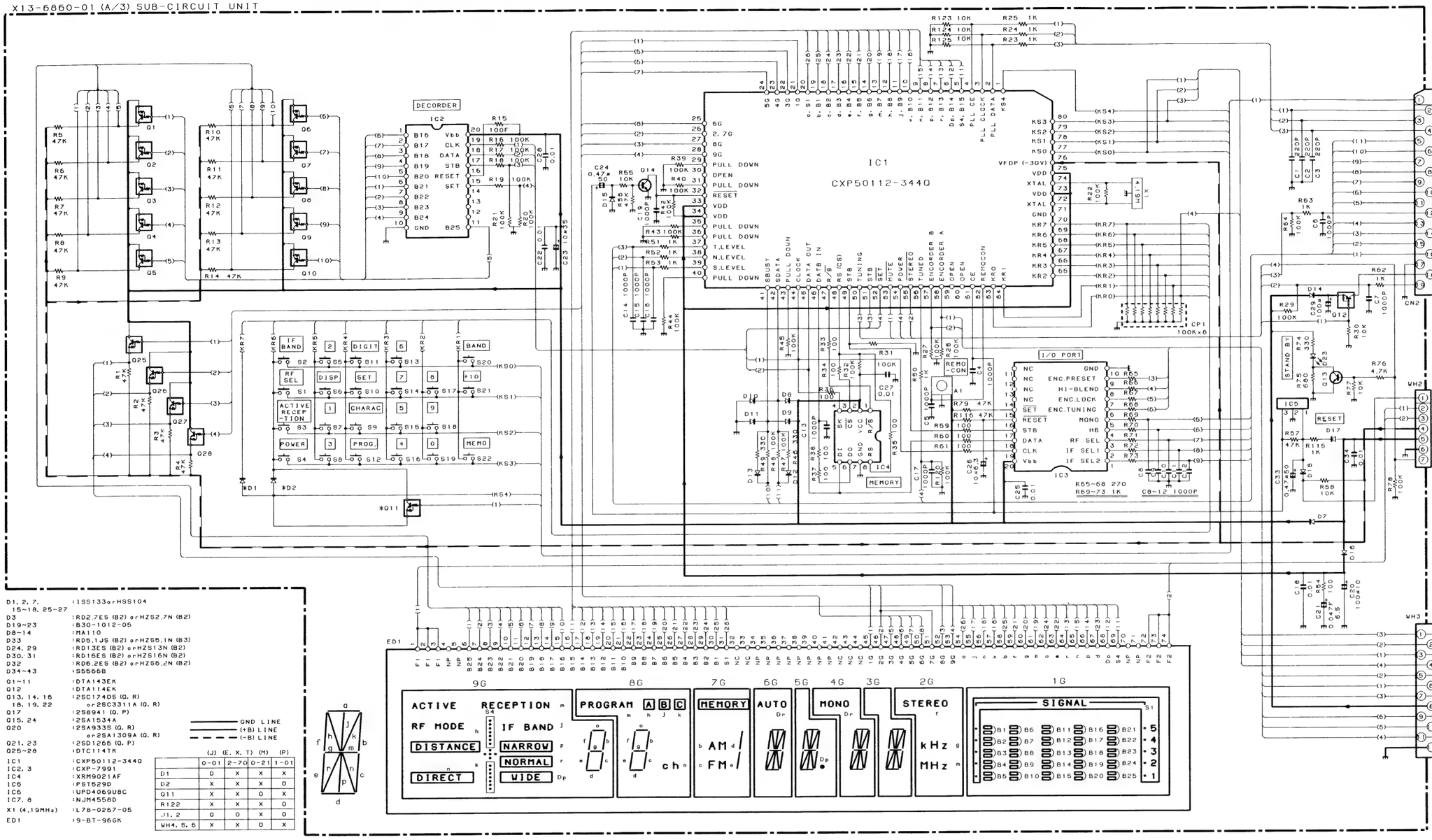
	(J) 0-01	(P) 1-01	(M) 0-21	(X, T, E) 2-70
C2	1000P	33P	33P	33P
C3, 10	SH18P	TH12P	TH12P	TH12P
C17	SH18P	TH10P	TH10P	TH10P
C18	—	O	O	O
C23	2P	1P	1P	1P
C24	SH15P	TH10P	TH10P	TH10P
C29	UJ15P	TH15P	TH15P	TH15P
C36	3P	2P	2P	2P
C37	TH18P	UJ5P	UJ5P	UJ5P
C39	PH68P	PH33P	PH33P	PH33P
C42	TH18P	TH12P	TH12P	TH12P
C46, 59 188	O	O	O	—
C142, 143	1500P	2200P	100P	1500P
C147, 148	100P	100P	3300P	100P
C149, 150	—	—	—	O
C164	—	—	O	—
C168	—	—	—	O
D8	O	—	—	—
L11	2.2#H	1#H	1#H	1#H
L50	—	—	—	O
L61	O	—	O	—
R1	—	O	—	—
R11	15K	15K	15K	22K
R53	330	330	330	180
R54	10	10	10	150
R60	680	330	330	330
R66, 71	RDB82C	RDG82E	RDB82C	RDG82E
R67	270	270	270	100
R68	68	68	68	220
R188	47K	47K	47K	22K
R264	—	O	—	O
R324	O	O	—	—
R346	68K	56K	56K	56K
R347	27K	33K	33K	33K
R348	22K	10K	10K	10K
R223, 224 R243	—	—	O	—
W45, 46	—	—	—	O
W69, 70	—	—	—	—
W136, 137	O	O	—	O
W158	O	—	—	—
W163	—	O	O	O
W263	O	O	O	—

Y07-3482-70

KT-6040

KENWOOD

X13-6860-01 (A/3) SUB-CIRCUIT UNIT



D1, 2, 7, 15~18, 25~27	:1SS133 or HSS104
D3	:RD2.7ES (B2) or HZS2.7N (B2)
D19~23	:B30-1012-05
D8~14	:MA110
D33	:RD5.1JS (B2) or HZS5.1N (B3)
D24, 29	:RD13ES (B2) or HZS13N (B2)
D30, 31	:RD16ES (B2) or HZS16N (B2)
D32	:RD6.2ES (B2) or HZS6.2N (B2)
D34~43	:SS5668
Q1~11	:DTA143EK
Q12	:DTA114EK
Q13, 14, 16, 18, 19, 22	:2SC1740S (Q, R) or 2SC3311A (Q, R)
Q17	:2SB941 (Q, P)
Q15, 24	:2SA1534A
Q20	:2SA933S (Q, R) or 2SA1309A (Q, R)
Q21, 23	:2SD1266 (Q, P)
Q25~28	:DTC114TK
IC1	:CXP50112-344Q
IC2, 3	:CXP-7991
IC4	:XRM9021AF
IC5	:PST529D
IC6	:UPD4069UBC
IC7, 8	:NJM4558D
X1 (4.19MHz)	:L78-0267-05
ED1	:9-BT-96GK

GND LINE
(+B) LINE
(-B) LINE

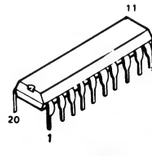
	(J) (E, X, T)	(M)	(P)
	0-01 2-70	0-21	1-01
D1	0 x	x	x
D2	x x	x	0
Q11	x x	0	x
R122	x x	x	0
J1, 2	0 0	x	0
WH4, 5, 6	x x	0	x

CAUTION: For continued safery, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

DC voltages are as measured with a high-impedance voltmeter during reception of the FM broadcast signal (with a signal strength of 60 dB at the ANT terminal). Values may vary slightly due to variations between individual instruments or/and units. Values in parentheses are as measured during reception of the AM broadcast signal (with a signal strength of 60 dB at the ANT terminal).

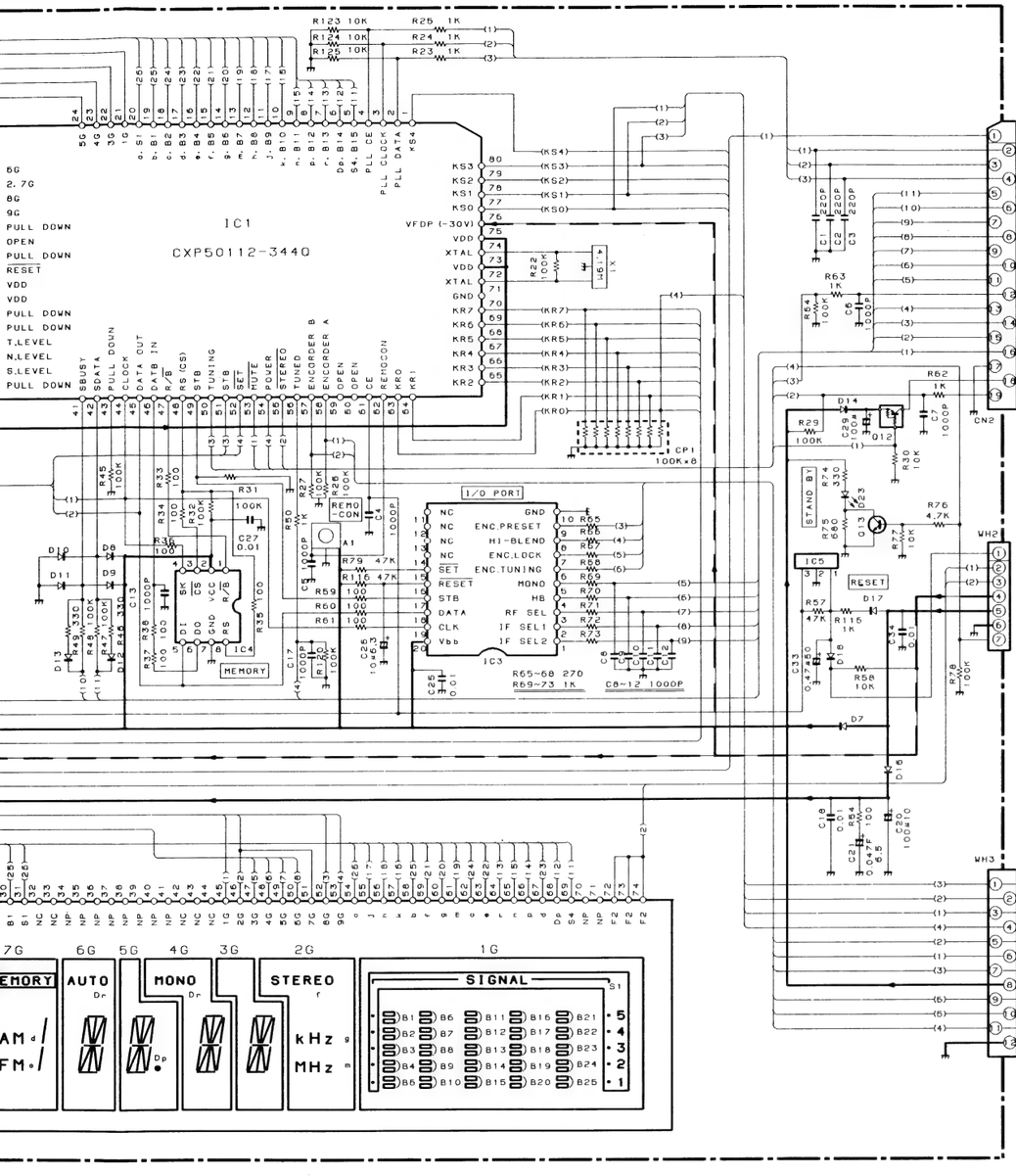
Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance pendant la réception d'un signal de programme FM (avec une force de signal de 60 dB à la borne ANT). Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels.
Les valeurs entre parenthèses doivent être mesurées pendant la réception d'un signal de programme AM avec une force de signal de 60 dB à la borne ANT).

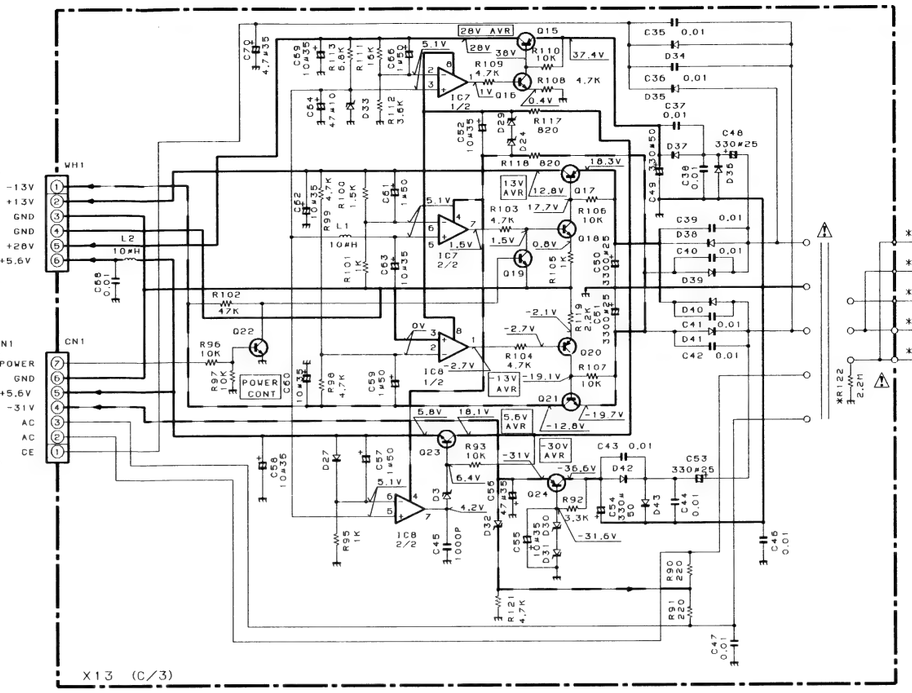
Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser bei Empfang eines UKW-Signals (mit einer Feldstärke von 60 dB am Antennenanschluß) gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u.U. geringfügig. Die eingeklammerten Gleichspannungswerte wurden bei Empfang eines MW-Signals (mit einer Feldstärke von 60 dB am Antennenanschluß) gemessen.

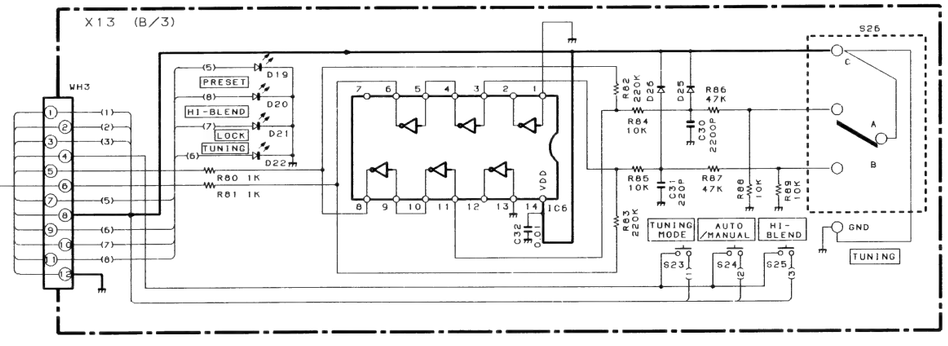


LA1245

2SB941

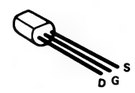




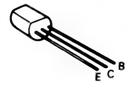


PST529D

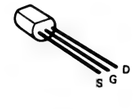
2SK163
2SK364



2SA1534A
2SA954
2SD1302

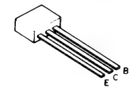


2SK246



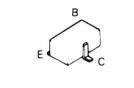
2SK161
2SK241

2SA1309A
2SC3311A



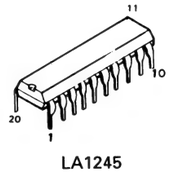
3SK122

DTA114EK
DTA143EK
DTC114TK

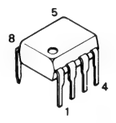


XRM9021AF

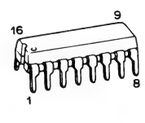
LA1245



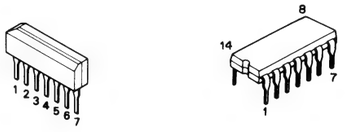
NJM4200D
NJM4558D
NJM4560D-A
NJM4565D



LA1235
LM7001

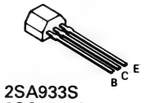


TA7302P

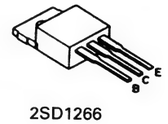


UPD4069UBC

2SB941



2SA933S
2SC1740S



2SD1266

Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance pendant la réception d'un signal de programme FM (avec une force de signal de 60 dB à la borne ANT). Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels.
Les valeurs entre parenthèses doivent être mesurées pendant la réception d'un signal de programme AM avec une force de signal de 60 dB à la borne ANT).

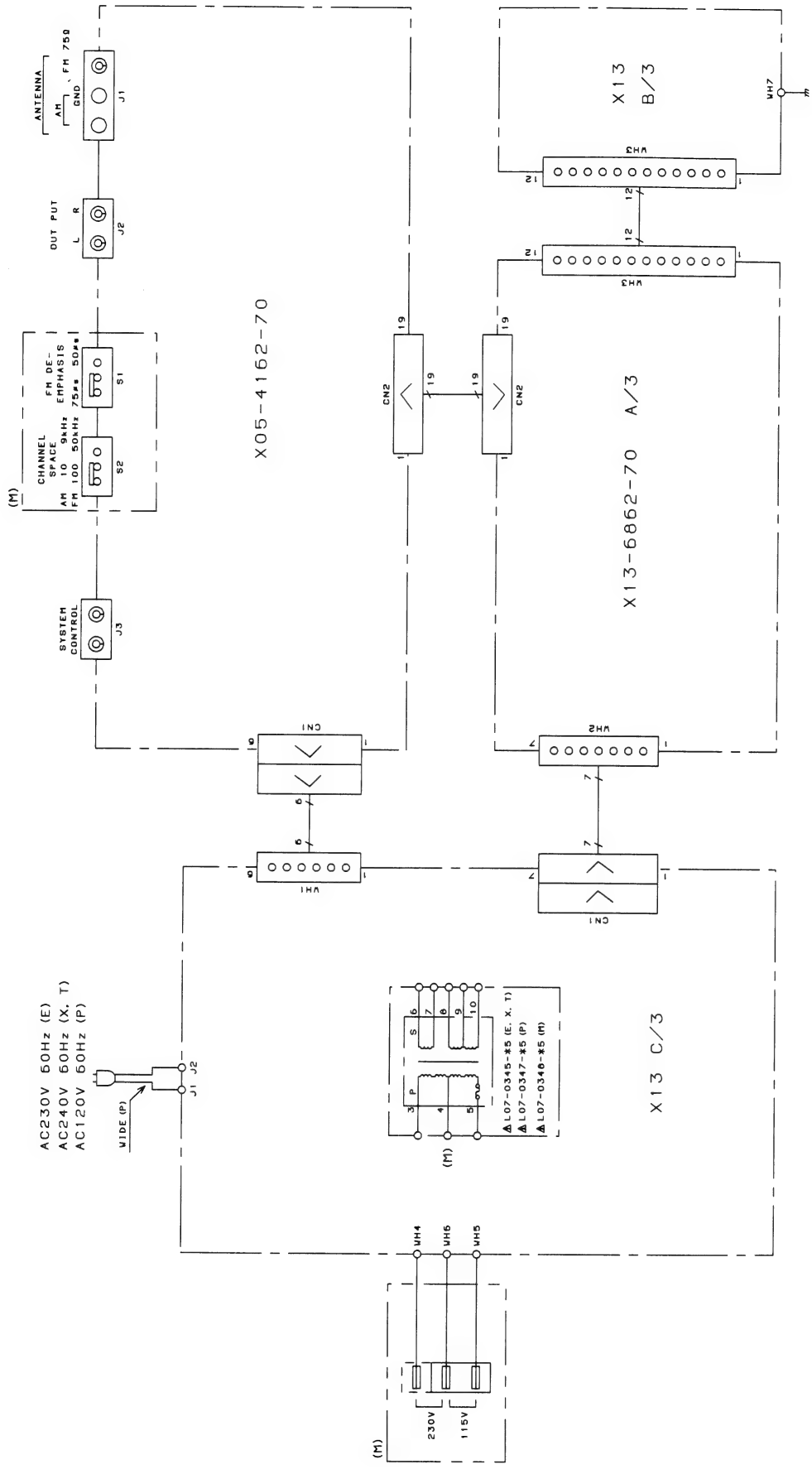
Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser bei Empfang eines UKW-Signals (mit einer Feldstärke von 60 dB am Antennenanschluß) gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u.U. geringfügig. Die eingeklammerten Gleichspannungswerte wurden bei Empfang eines MW-Signals (mit einer Feldstärke von 60 dB am Antennenanschluß) gemessen.

Y07-3482-70

KT-6040

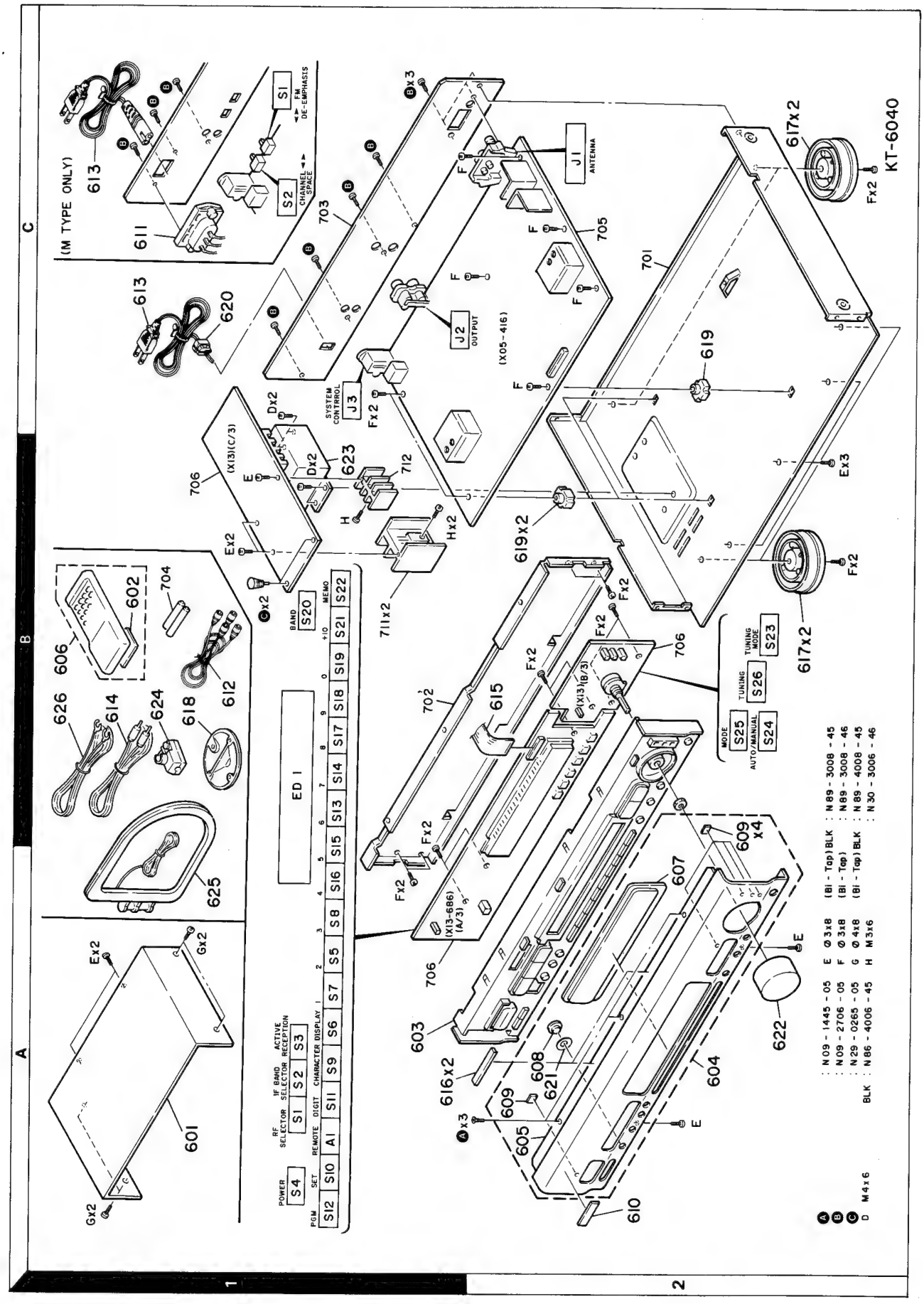
KENWOOD

WIRING DIAGRAM



KT-6040

EXPLODED VIEW



× New Parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnes dans le **Parts No.** ne sont pas fournis.
Telle ohne **Parts No.** werden nicht geliefert.

No.1

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Destination 仕向	Remarks 備考
			KT－6040			
601	1A		A01-1801-01	METALLIC CABINET		
602	1B		A09-0114-08	BATTERY COVER	PMX	
603	1A	*	A22-1502-01	SUB PANEL		
604	2A	*	A60-0096-02	PANEL ASSY		
605	2A	*	A60-0097-02	PANEL		
606	1B	*	A70-0542-05	REMOTE CONTROLLER ASSY	PM	
606	1B	*	A70-0563-05	REMOTE CONTROLLER ASSY	X	
607	2A	*	B10-1863-03	FRONT GLASS		
608	2A	*	B11-0237-04	COLOR FILTER		
609	2A	*	B12-0162-04	INDICATOR		
610	2A		B43-0287-04	KENWOOD BADGE		
-			B46-0096-23	WARRANTY CARD	X	
-			B46-0121-03	WARRANTY CARD	P	
-			B46-0122-13	WARRANTY CARD	E	
-			B46-0143-13	WARRANTY CARD	T	
-		*	B60-0544-00	INSTRUCTION MANUAL(ENGLISH)		
-		*	B60-0546-00	INSTRUCTION MANUAL(FRENCH)	EP	
-		*	B60-0547-00	INSTRUCTION MANUAL(G,D,I)	E	
-		*	B60-0548-00	INSTRUCTION MANUAL(SPA,CHI)	M	
⚠ 611	1C		E03-0102-25	AC INLET	M	
612	1B		E30-0505-05	AUDIO CORD		
⚠ 613	1C		E30-0459-05	AC POWER CORD	E	
⚠ 613	1C		E30-0974-05	AC POWER CORD	P	
⚠ 613	1C		E30-1329-05	AC POWER CORD (INLET)	M	
⚠ 613	1C		E30-1341-05	AC POWER CORD	X	
⚠ 613	1C		E30-1416-05	AC POWER CORD	T	
614	1B		E30-0977-05	CORD WITH PLUG		
615	2B		E31-4790-05	WIRING HARNESS		
616	1A		G11-0185-04	SOFT TAPE (120X5X2)		
-		*	H10-5162-02	POLYSTYRENE FOAMED FIXTURE		
-		*	H10-5163-02	POLYSTYRENE FOAMED FIXTURE		
-			H25-0181-04	PROTECTION BAG (150X260X0.05)		
-			H25-0224-04	PROTECTION BAG (800X400X0.03)	EPMX	
-			H25-0232-04	PROTECTION BAG (235X350X0.03)	EPMX	
-		*	H25-0651-04	PROTECTION BAG (0232 PRINTED)	T	
-		*	H25-0653-04	PROTECTION BAG (0224 PRINTED)	T	
-		*	H50-0125-04	ITEM CARTON CASE		
617	2B,2C		J02-1002-05	FOOT		
618	1B		J19-2815-04	ANTENNA HOLDER		
619	2B,2C		J19-3179-05	UNIT HOLDER		
⚠ 620	1C		J42-0083-05	POWER CORD BUSHING	EPXT	
621	2A	*	J69-0080-04	ADHESIVE TAPE		
-			J61-0307-05	WIRE BAND	M	
622	2A	*	K29-4292-04	KNOB (TUNING)		
⚠ 623	1B	*	L07-0345-05	POWER TRANSFORMER	EXT	
⚠ 623	1B	*	L07-0347-05	POWER TRANSFORMER	P	
⚠ 623	1B	*	L07-0348-05	POWER TRANSFORMER	M	
A			N09-1445-05	SET SCREW (M3X8)		
B			N09-2706-05	TAPTITE SCREW		

L:Scandinavia K:USA P:Canada
Y:PX(Far East, Hawaii) T:England E:Europe
Y:AAFES(Europe) X:Australia M:Other Areas

⚠ indicates safety critical components.

× New Parts
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No.2

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Destination 仕向	Remarks 備考
C			N29-0265-05	PUSH RIVET		
D			N86-4006-45	BINDING HEAD TAPTITE SCREW		
E			N89-3008-45	BINDING HEAD TAPTITE SCREW		
F			N89-3008-46	BINDING HEAD TAPTITE SCREW		
G			N89-4008-45	BINDING HEAD TAPTITE SCREW		
624	1B		T90-0136-05	ANTENNA ADAPTOR		
625	1A		T90-0173-05	LOOP ANTENNA		
626	1B		T90-0176-05	T TYPE ANTENNA		
			TUNER UNIT (X05－4162－70)			
D37			LTZ-MR15	LED		
C2			CC45FSL1H330J	CERAMIC 33PF J		
C3			CC45FTH1H120J	CERAMIC 12PF J		
C4			CC45FSL1H020C	CERAMIC 2.0PF C		
C5			CC45FPH1H330J	CERAMIC 33PF J		
C6 ,7			CK45FB1H102K	CERAMIC 1000PF K		
C8			CC45FPH1H330J	CERAMIC 33PF J		
C10			CC45FTH1H120J	CERAMIC 12PF J		
C11			CC45FSL1H050C	CERAMIC 5.0PF C		
C12 -16			CK45FB1H102K	CERAMIC 1000PF K		
C17			CC45FTH1H100D	CERAMIC 10PF D		
C18			CC45FSL1H010C	CERAMIC 1.0PF C		
C19			CC45FPH1H330J	CERAMIC 33PF J		
C20 ,21			CK45FB1H102K	CERAMIC 1000PF K		
C22			CC45FPH1H330J	CERAMIC 33PF J		
C23			CC45FSL1H010C	CERAMIC 1.0PF C		
C24			CC45FTH1H100D	CERAMIC 10PF D		
C25			CC45FSL1H070D	CERAMIC 7.0PF D		
C26			CK45FF1H103Z	CERAMIC 0.010UF Z		
C27			CE04KW1C101M	ELECTRO 100UF 16WV		
C28			CC45FSL1H100D	CERAMIC 10PF D		
C29			CC45FTH1H150J	CERAMIC 15PF J		
C31			CC45FPH1H330J	CERAMIC 33PF J		
C32 -35			CK45FB1H102K	CERAMIC 1000PF K		
C36			CC45FSL1H020C	CERAMIC 2.0PF C		
C37			CC45FUJ1H050C	CERAMIC 5.0PF C		
C38			CC45FSL1H020C	CERAMIC 2.0PF C		
C39			CC45FPH1H330J	CERAMIC 33PF J		
C40			CK45FB1H102K	CERAMIC 1000PF K		
C41			CE04KW1C221M	ELECTRO 220UF 16WV		
C42			CC45FTH1H120J	CERAMIC 12PF J		
C43			CC45FSL1H150J	CERAMIC 15PF J		
C44		*	CC45FSL1H220D	CERAMIC 22PF D		
C45			CC45FSL1H010C	CERAMIC 1.0PF C		
C46			CK45FB1H102K	CERAMIC 1000PF K	PM	
C47			CK45FB1H102K	CERAMIC 1000PF K		
C48			CE04KW1C221M	ELECTRO 220UF 16WV		
C49			CC45FSL1H470J	CERAMIC 47PF J		
C52			CK45FF1H103Z	CERAMIC 0.010UF Z		
C55 -58			CK45FF1H103Z	CERAMIC 0.010UF Z		
C59			CK45FF1H103Z	CERAMIC 0.010UF Z	PM	
C60 -79			CK45FF1H103Z	CERAMIC 0.010UF Z		
C80			CC45FSL1H101J	CERAMIC 100PF J		
C81			CK45FF1H103Z	CERAMIC 0.010UF Z		
C82			CE04KW1H2R2M	ELECTRO 2.2UF 50WV		

L:Scandinavia K:USA P:Canada
Y:PX(Far East, Hawaii) T:England E:Europe
Y:AAFES(Europe) X:Australia M:Other Areas

⚠ indicates safety critical components.

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No.3

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Destination 仕向	Remarks 備考
C83			CK45FF1H103Z	CERAMIC 0.010UF Z		
C84			CE04KW1A221M	ELECTRO 220UF 10WV		
C85			CK45FF1H103Z	CERAMIC 0.010UF Z		
C86			CE04KW1C101M	ELECTRO 100UF 16WV		
C87			CK45FF1H223Z	CERAMIC 0.022UF Z		
C88			CE04KW1H2R2M	ELECTRO 2.2UF 50WV		
C89 ,90			CK45FF1H103Z	CERAMIC 0.010UF Z		
C92 ,93			CK45FF1H103Z	CERAMIC 0.010UF Z		
C94			CE04KW1A221M	ELECTRO 220UF 10WV		
C95			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C96 ,97			CE04KW1V100M	ELECTRO 10UF 35WV		
C98			CK45FF1H103Z	CERAMIC 0.010UF Z		
C99			CC45FUJ1H180J	CERAMIC 18PF J		
C100,101			CC45FTH1H330J	CERAMIC 33PF J		
C102			CC45FSL1H220J	CERAMIC 22PF J		
C103			CC45FSL1H271J	CERAMIC 270PF J		
C104			CK45FB1H681K	CERAMIC 680PF K		
C105			C90-1334-05	NP-ELEC 47UF 10WV		
C106,107			CE04KW1C101M	ELECTRO 100UF 16WV		
C108,109			C90-1333-05	NP-ELEC 22UF 10WV		
C110-114			CF92FV1H102J	MF 1000PF J		
C115			CE04KW1A101M	ELECTRO 100UF 10WV		
C116			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C117,118			CE04KW1C101M	ELECTRO 100UF 16WV		
C119			CC45FSL1H020C	CERAMIC 2.0PF C		
C120			CK45FB1H391K	CERAMIC 390PF K		
C121			CC45FSL1H181J	CERAMIC 180PF J		
C122			CK45FB1H681K	CERAMIC 680PF K		
C123			C90-1334-05	NP-ELEC 47UF 10WV		
C124-127			CE04KW1V100M	ELECTRO 10UF 35WV		
C128			CE04KW1C221M	ELECTRO 220UF 16WV		
C129			CF92FV1H102J	MF 1000PF J		
C130			CE04KW1A221M	ELECTRO 220UF 10WV		
C131			CF92FV1H473J	MF 0.047UF J		
C132			CF92FV1H102J	MF 1000PF J		
C133			CF92FV1H473J	MF 0.047UF J		
C134			CE04KW1HR22M	ELECTRO 0.22UF 50WV		
C135-137			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C138			CF92FV1H103J	MF 0.010UF J		
C139			CQ93HP2A183J	MYLAR 0.018UF J		
C142,143			CC45FSL1H101J	CERAMIC 100PF J	M	
C142,143			CQ93HP2A152J	MYLAR 1500PF J	EXT	
C142,143			CQ93HP2A222J	MYLAR 2200PF J	P	
C144			CF92FV1H223J	MF 0.022UF J		
C145,146			CF92FV1H392J	MF 3900PF J		
C147,148			CC45FSL1H101J	CERAMIC 100PF J	EPXT	
C147,148			CF92FV1H332J	MF 3300PF J	M	
C149,150			CF92FV1H182J	MF 1800PF J	M	
C151-154			CE04KW1V100M	ELECTRO 10UF 35WV		
C155,156			CC45FSL1H101J	CERAMIC 100PF J		
C157			CK45FF1H103Z	CERAMIC 0.010UF Z		
C158			CE04KW1A101M	ELECTRO 100UF 10WV		
C159,160			CE04KW1V100M	ELECTRO 10UF 35WV		
C161			CK45FF1H103Z	CERAMIC 0.010UF Z		
C162,163			CC45FSL1H221J	CERAMIC 220PF J		

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No.4

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Destination 仕向	Remarks 備考
C164			CK45FF1H103Z	CERAMIC 0.010UF Z	M	
C168			CF92FV1H392J	MF 3900PF J	EXT	
C169			CF92FV1H563J	MF 0.056UF J		
C170			CK45FF1H223Z	CERAMIC 0.022UF Z		
C171			CC93FCH1H391J	CERAMIC 390PF J		
C172			CK45FF1H223Z	CERAMIC 0.022UF Z		
C173			CK45FF1H473Z	CERAMIC 0.047UF Z		
C174			CK45FF1H223Z	CERAMIC 0.022UF Z		
C175			CK45FB1H102K	CERAMIC 1000PF K		
C176			CK45FF1H473Z	CERAMIC 0.047UF Z		
C177			CE04KW1V100M	ELECTRO 10UF 35WV		
C178,179			CK45FF1H223Z	CERAMIC 0.022UF Z		
C180			CK45FB1H102K	CERAMIC 1000PF K		
C181			CF92FV1H103J	MF 0.010UF J		
C182			CK45FF1H103Z	CERAMIC 0.010UF Z		
C183			CK45FF1H223Z	CERAMIC 0.022UF Z		
C184			CK45FF1H103Z	CERAMIC 0.010UF Z		
C185			CE04KW1H2R2M	ELECTRO 2.2UF 50WV		
C186			CE04KW1V4R7M	ELECTRO 4.7UF 35WV		
C187			CE04KW1H3R3M	ELECTRO 3.3UF 50WV		
C188			CF92FV1H152J	MF 1500PF J	PM	
C189			CE04KW1C101M	ELECTRO 100UF 16WV		
C190			CC45FCH1H270J	CERAMIC 27PF J		
C191			CC45FCH1H220J	CERAMIC 22PF J		
C192			CC45FSL1H221J	CERAMIC 220PF J		
C193			CE04KW1A101M	ELECTRO 100UF 10WV		
C194			CK45FF1H103Z	CERAMIC 0.010UF Z		
C195			CE04KW1V330M	ELECTRO 33UF 35WV		
C196			CE04KW1V100M	ELECTRO 10UF 35WV		
C197			CK45FF1H103Z	CERAMIC 0.010UF Z		
C198			C90-1331-05	NP-ELEC 0.47UF 50WV		
C199			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C201			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C202			CE04KW1V100M	ELECTRO 10UF 35WV		
C204			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C205			CE04KW1C470M	ELECTRO 47UF 16WV		
C206			CE04KW1A101M	ELECTRO 100UF 10WV		
C207,208			CE04KW1V100M	ELECTRO 10UF 35WV		
C209			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C210			CE04KW1V100M	ELECTRO 10UF 35WV		
C211			CE04KW1V4R7M	ELECTRO 4.7UF 35WV		
C215			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C216			CE04KW1V4R7M	ELECTRO 4.7UF 35WV		
C217,218			CE04KW1V100M	ELECTRO 10UF 35WV		
C219			CK45FF1H103Z	CERAMIC 0.010UF Z		
C220			CC45FSL1H331J	CERAMIC 330PF J		
C221			CC45FSL1H121J	CERAMIC 120PF J		
C222			CE04KW1HR22M	ELECTRO 0.22UF 50WV		
C223,224			C90-1349-05	NP-ELEC 1UF 50WV		
C225			CE04KW1V4R7M	ELECTRO 4.7UF 35WV		
C226-229			CE04KW1V100M	ELECTRO 10UF 35WV		
C230			CK45FF1H103Z	CERAMIC 0.010UF Z		
C231			CC45FSL1H101J	CERAMIC 100PF J		
TC1			C05-0302-05	CERAMIC TRIMMER CAPACITOR(11PF		
TC2 ,3			C05-0303-05	CERAMIC TRIMMER CAPACITOR(20PF		

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No.5

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Destination 仕向	Remarks 備考
J1	2C		E20-0318-05	SCREW TERMINAL BOARD(ANTENNA)		
J2	1C		E13-0235-05	PHONO JACK (2P) (OUTPUT)		
J3	1C		E11-0188-05	MINIATURE PHONE JACK(S.CONT.)		
CF1 ,2			L72-0546-05	CERAMIC FILTER		
CF3 4			L72-0546-05	CERAMIC FILTER	PM	
CF3 ,4			L72-0565-05	CERAMIC FILTER	EXT	
CF5 -8			L72-0120-05	CERAMIC FILTER	PM	
CF5 -8			L72-0566-05	CERAMIC FILTER	EXT	
CF10			L72-0096-05	CERAMIC FILTER		
L1 ,2			L31-0545-05	FM-RF COIL (SENSITIVITY)		
L3			L92-0017-05	FERRITE CORE		
L4			L31-0546-05	FM-RF COIL (SENSITIVITY)		
L5			L31-0545-05	FM-RF COIL (SENSITIVITY)		
L6			L92-0017-05	FERRITE CORE		
L7			L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)		
L8		*	L30-0495-05	FM IFT (SENSITIVITY)		
L9			L40-1091-17	SMALL FIXED INDUCTOR(1UH)		
L10		*	L32-0539-05	FM OSCILLATING COIL		
L11			L40-1091-17	SMALL FIXED INDUCTOR(1UH)		
L12		*	L32-0537-05	FM OSCILLATING COIL (Vt)		
L13 ,14			L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)		
L15 ,16			L92-0017-05	FERRITE CORE		
L17 ,18			L40-1091-17	SMALL FIXED INDUCTOR(1UH)		
L19		*	L30-0495-05	FM IFT		
L20			L92-0017-05	FERRITE CORE		
L21 -26			L40-1011-17	SMALL FIXED INDUCTOR(100UH,K)		
L27			L92-0017-05	FERRITE CORE		
L28 -33			L40-1011-17	SMALL FIXED INDUCTOR(100UH,K)		
L34 ,35			L92-0017-05	FERRITE CORE		
L37			L92-0017-05	FERRITE CORE		
L38			L30-0416-05	FM IFT		
L39		*	L32-0527-05	FM OSCILLATING COIL (VCO DET.)		
L40 -42			L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)		
L43			L40-3925-29	SMALL FIXED INDUCTOR(3.9mH,J)		
L44			L35-0065-05	MPX COIL		
L45 -47			L92-0017-05	FERRITE CORE		
L48 ,49			L40-4701-17	SMALL FIXED INDUCTOR(47UH,K)		
L50			L40-1091-17	SMALL FIXED INDUCTOR(1UH,K)		
L51			L32-0277-15	MW OSCILLATING COIL (Vt)		
L52			L31-0509-05	MW-RF COIL (SENSITIVITY)		
L53			L30-0467-05	AM IFT		
L54			L79-0154-05	LC FILTER		
L55 -57			L92-0017-05	FERRITE CORE		
L58			L40-5625-29	SMALL FIXED INDUCTOR(5.6mH,J)		
L59			L40-6825-29	SMALL FIXED INDUCTOR(6.8mH,J)		
L60 ,61			L92-0017-05	FERRITE CORE	M	
X1			L77-1122-05	CRYSTAL RESONATOR (7.2MHz)		
X2			L78-0208-05	RESONATOR (456kHz)		
R1			RC05GF2H185M	RC 1.8M M 1/2W	P	
R58			RD14GB2E470J	FL-PROOF RD 47 J 1/4W	EPXT	
R71			RD14GB2E470J	FL-PROOF RD 47 J 1/4W	EPXT	
R264			RD14GB2E470J	FL-PROOF RD 47 J 1/4W	EPXT	
VR1			R12-0108-05	TRIM POT. 470		
VR2 ,3			R12-3126-05	TRIM POT. 10K (AUTO STOP SENS)		

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No.6

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Destination 仕向	Remarks 備考
VR4			R12-1089-05	TRIM POT. 4.7K(DISTORTION)		
VR5			R12-3126-05	TRIM POT. 10K (DISTORTION)		
VR6			R12-0108-05	TRIM POT. 470		
VR7 -9			R12-3126-05	TRIM POT. 10K (DISTORTION)		
VR10			R12-3128-05	TRIM POT. 22K (DISTORTION)		
VR11,12			R12-3126-05	TRIM POT. 10K (DISTORTION)		
VR13			R12-3132-05	TRIM POT. 47K		
VR16			R12-1089-05	TRIM POT. 4.7K(PILOT CANCEL)		
VR17-20			R12-6018-05	TRIM POT. 470K		
VR21			R12-5060-05	TRIM POT. 220K(SEPARATION)		
S1 ,2	1C		S31-2094-05	SLIDE SWITCH (DE.EM,CH.SPACE)	M	
D1 ,2			KV1320-6	VARIABLE CAPACITANCE DIODE		
D3			HSS104	DIODE		
D3			1SS133	DIODE		
D4 -7			KV1320-6	VARIABLE CAPACITANCE DIODE		
D10 -24			HSS104	DIODE		
D10 -24			1SS133	DIODE		
D25			HZS8.2S(B2)	ZENER DIODE		
D25			RD8.2JS(B2)	ZENER DIODE		
D26 ,27			HSS104	DIODE		
D26 ,27			1SS133	DIODE		
D28			HZS5.1S(B2)	ZENER DIODE		
D28			RD5.1JS(B2)	ZENER DIODE		
D29 -33			HSS104	DIODE		
D29 -33			1SS133	DIODE		
D35			HSS104	DIODE		
D35			1SS133	DIODE		
D36			KV1236(Z2)	VARIABLE CAPACITANCE DIODE		
D38			HZS5.1S(B2)	ZENER DIODE		
D38			RD5.1JS(B2)	ZENER DIODE		
D39 -44			HSS104	DIODE		
D39 -44			1SS133	DIODE		
D45			HZS5.1S(B2)	ZENER DIODE		
D45			RD5.1JS(B2)	ZENER DIODE		
D46 -48			HSS104	DIODE		
D46 -48			1SS133	DIODE		
D49			HZS5.1S(B2)	ZENER DIODE		
D49			RD5.1JS(B2)	ZENER DIODE		
D50			SD184-1	DIODE		
D51			HZS5.1S(B2)	ZENER DIODE		
D51			RD5.1JS(B2)	ZENER DIODE		
D52			SD184-1	DIODE		
D53 -58			HSS104	DIODE		
D53 -58			1SS133	DIODE		
D59			HZS5.1S(B2)	ZENER DIODE		
D59			RD5.1JS(B2)	ZENER DIODE		
D60			HSS104	DIODE		
D60			1SS133	DIODE		
D61			HZS5.1S(B2)	ZENER DIODE		
D61			RD5.1JS(B2)	ZENER DIODE		
D62 ,63			SD184-1	DIODE		
D64 -66			HSS104	DIODE		
D64 -66			1SS133	DIODE		
D70 ,71			KV1320-2	VARIABLE CAPACITANCE DIODE		

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No.7

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Destination 仕向	Remarks 備考
IC1 -3			TA7302P	IC(FM IF)		
IC4			LA1235	IC(FM IF/DETECTION)		
IC5			TA7302P	IC(FM IF)		
IC6			NJM4558D	IC(OP AMP X2)		
IC7			NJM4560D-A	IC(OP AMPX2)		
IC8 ,9			NJM4200D	IC(OP AMP X2)		
IC10-13			NJM4565D	IC(OP AMP X2)		
IC15,16			NJM4565D	IC(OP AMP X2)		
IC17		*	LA3450	IC(FM MPX)		
IC18			NJM4565D	IC(OP AMP X2)		
IC19			LA1245	IC(AM)		
IC20			LM7001	IC(PLL FREQUENCY SYNTHESIZER)		
IC21			NJM4558D	IC(OP AMP X2)		
IC22-29			NJM4565D	IC(OP AMP X2)		
Q1		*	3SK121(Y,GR)	FET		
Q2			3SK122(L)	FET		
Q3 ,4			2SK241(GR)	FET		
Q5		*	2SK709(BL,V)	FET		
Q6			2SK241(Y)	FET		
Q7 ,8			2SK241(GR)	FET		
Q9 ,10			2SK161(GR)	FET		
Q11			2SK163(M)	FET		
Q12 -17			2SK246(Y,GR)	FET		
Q18			2SC1740S(Q,R)	TRANSISTOR		
Q18			2SC3311A(Q,R)	TRANSISTOR		
Q19			2SK246(Y,GR)	FET		
Q20			2SC1740S(Q,R)	TRANSISTOR		
Q20			2SC3311A(Q,R)	TRANSISTOR		
Q21 -23			2SK246(Y,GR)	FET		
Q24 -27			2SD1302(S,T)	TRANSISTOR		
Q28			2SA1309A(Q,R)	TRANSISTOR		
Q28			2SA933S(Q,R)	TRANSISTOR		
Q29			2SK364(GR,BL)	FET		
Q30			2SC1740S(Q,R)	TRANSISTOR		
Q30			2SC3311A(Q,R)	TRANSISTOR		
Q31			2SA1309A(Q,R)	TRANSISTOR		
Q31			2SA933S(Q,R)	TRANSISTOR		
Q32			2SA954(L,K)	TRANSISTOR		
Q33			2SC1740S(Q,R)	TRANSISTOR		
Q33			2SC3311A(Q,R)	TRANSISTOR		
Q34			2SA954(L,K)	TRANSISTOR		
Q35			2SC1740S(Q,R)	TRANSISTOR		
Q35			2SC3311A(Q,R)	TRANSISTOR		
Q36			2SA954(L,K)	TRANSISTOR		
Q37 ,38			2SC1740S(Q,R)	TRANSISTOR		
Q37 ,38			2SC3311A(Q,R)	TRANSISTOR		
Q39 ,40			2SK246(Y,GR)	FET		
TH1			SDT1000	THERMISTOR		
SUB CIRCUIT UNIT (X13 – 6862 – 70)						
D19 -23			B30-1012-05	LED(SLP-981C-50)		
C1 -3			CK73FB1H221K	CHIP C 220PF K		
C4 -17			CK73FB1H102K	CHIP C 1000PF K		
C18			CK73FB1H103K	CHIP C 0.010UF K		
C19			CK73FB1H102K	CHIP C 1000PF K		

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No.8

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Destination 仕向	Remarks 備考
C20			CE04KW1A101M	ELECTRO 100UF 10WV		
C21			C90-1827-05	BACKUP 0.047F 5.5WV		
C22			CK45FF1H103Z	CERAMIC 0.010UF Z		
C23			CE04KW1V100M	ELECTRO 10UF 35WV		
C24			CE04KW1HR47M	ELECTRO 0.47UF 50WV		
C25			CK73FB1H103K	CHIP C 0.010UF K		
C26			CE04JW0J100M	ELECTRO 10UF 6.3WV		
C27 ,28			CK73FB1H103K	CHIP C 0.010UF K		
C29			CE04KW1A101M	ELECTRO 100UF 10WV		
C30 ,31			CK45FB1H222K	CERAMIC 2200PF K		
C32			CK45FF1H103Z	CERAMIC 0.010UF Z		
C33			CE04KW1HR47M	ELECTRO 0.47UF 50WV		
C34 -44			CK45FF1H103Z	CERAMIC 0.010UF Z		
C45			CK45FB1H102K	CERAMIC 1000PF K		
C46			C91-0769-05	CERAMIC 0.01UF K		
C47			CK45FF1H103Z	CERAMIC 0.010UF Z		
C48			CE04KW1E331M	ELECTRO 330UF 25WV		
C49			CE04KW1H331M	ELECTRO 330UF 50WV		
C50 ,51			CE04KW1E332M	ELECTRO 3300UF 25WV		
C52			CE04KW1V100M	ELECTRO 10UF 35WV		
C53			CE04KW1E331M	ELECTRO 330UF 25WV		
C54			CE04KW1H331M	ELECTRO 330UF 50WV		
C55			CE04KW1V100M	ELECTRO 10UF 35WV		
C56			CE04KW1V470M	ELECTRO 47UF 35WV		
C57			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C58			CE04KW1V100M	ELECTRO 10UF 35WV		
C59			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C60			CE04KW1V100M	ELECTRO 10UF 35WV		
C61			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C62 ,63			CE04KW1V100M	ELECTRO 10UF 35WV		
C64			CE04KW1A470M	ELECTRO 47UF 10WV		
C66			CE04KW1H010M	ELECTRO 1.0UF 50WV		
C68			CK45FF1H103Z	CERAMIC 0.010UF Z		
C69			CE04KW1V100M	ELECTRO 10UF 35WV		
C70			CE04KW1V4R7M	ELECTRO 4.7UF 35WV		
L1 ,2			L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)		
X1			L78-0267-05	RESONATOR (4.194MHz)		
E			N89-3008-45	BINDING HEAD TAPTITE SCREW		
H			N30-3006-46	PAN HEAD MACHIN SCREW		
CP1			R90-0492-05	MULTI-COMP 100KX8 J 1/6W		
R122			R92-0173-05	RC 2.2M M 1/2W	P	
W66			R92-0679-05	CHIP R 0 OHM		
W67 ,68			R92-0670-05	CHIP R 0 OHM		
W69 ,70			R92-0679-05	CHIP R 0 OHM		
W71			R92-0670-05	CHIP R 0 OHM		
W73			R92-0679-05	CHIP R 0 OHM		
S1 -25	1A,2B		S40-1064-05	PUSH SWITCH		
S26	2B	*	T99-0522-05	SPEED DETECTOR (TUNING)		
D2			HSS104	DIODE	P	
D2			1SS133	DIODE	P	
D3			HZS2.7N(B2)	ZENER DIODE		
D3			RD2.7ES(B2)	ZENER DIODE		

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No.9

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Destination 仕向	Remarks 備考
D7			HSS104	DIODE		
D7			1SS133	DIODE		
D8 -14			MA110	DIODE		
D15 -18			HSS104	DIODE		
D15 -18			1SS133	DIODE		
D24			HZS13N(B2)	ZENER DIODE		
D24			RD13ES(B2)	ZENER DIODE		
D25 -27			HSS104	DIODE		
D25 -27			1SS133	DIODE		
D29			HZS13N(B2)	ZENER DIODE		
D29			RD13ES(B2)	ZENER DIODE		
D30 ,31			HZS16N(B2)	ZENER DIODE		
D30 ,31			RD16ES(B2)	ZENER DIODE		
D32			HZS6.2N(B2)	ZENER DIODE		
D32			RD6.2ES(B2)	ZENER DIODE		
D33			HZS5.1S(B2)	ZENER DIODE		
D33			RD5.1JS(B2)	ZENER DIODE		
D34 -43			S5566B	DIODE		
ED1	1B	*	9-BT-96GK	FLUORESCENT INDICATOR TUBE		
IC1		*	CXP50112-344Q	IC(MICROPROCESSOR)		
IC2 ,3		*	CXP-7991	IC(EXPANSION)		
IC4		*	XRM9021AF	IC(EEPROM))		
IC5			PST529D	IC(SYSTEM RESET)		
IC6			UPD4069UBC	IC(INVERTER X6)		
IC7 ,8			NJM4558D	IC(OP AMP X2)		
Q1 -10			DTA143EK	DIGITAL TRANSISTOR		
Q11			DTA143EK	DIGITAL TRANSISTOR	M	
Q12			DTA114EK	DIGITAL TRANSISTOR		
Q13 ,14			2SC1740S(Q,R)	TRANSISTOR		•
Q13 ,14			2SC3311A(Q,R)	TRANSISTOR		
Q15			2SA1534A	TRANSISTOR		
Q16			2SC1740S(Q,R)	TRANSISTOR		
Q16			2SC3311A(Q,R)	TRANSISTOR		
Q17			2SB941(Q,P)	TRANSISTOR		
Q18 ,19			2SC1740S(Q,R)	TRANSISTOR		
Q18 ,19			2SC3311A(Q,R)	TRANSISTOR		
Q20			2SA1309A(Q,R)	TRANSISTOR		
Q20			2SA933S(Q,R)	TRANSISTOR		
Q21			2SD1266(Q,P)	TRANSISTOR		
Q22			2SC1740S(Q,R)	TRANSISTOR		
Q22			2SC3311A(Q,R)	TRANSISTOR		
Q23			2SD1266(Q,P)	TRANSISTOR		
Q24			2SA1534A	TRANSISTOR		
Q25 -28			DTC114TK	DIGITAL TRANSISTOR		
A1	1A		W02-0975-05	ELECTRIC CIRCUIT MODULE		

L:Scandinavia **K:**USA **P:**Canada
Y:PX(Far East, Hawaii) **T:**England **E:**Europe
Y:AAFES(Europe) **X:**Australia **M:**Other Areas

⚠ indicates safety critical components.

KT-6040

SPECIFICATIONS

For Canada and General market

FM Tuner Section
Tuning frequency range ..... 87.5MHz – 108MHz
Usable sensitivity (MONO) 0.95µV/10.8dBf
50 dB quieting sensitivity
MONO 1.8µV/16.2dBf
STEREO 24µV/38.8dBf
Total harmonic distortion (at 1kHz)
MONO ..... 0.007% (WIDE)
STEREO ..... 0.015% (WIDE)
Signal to noise ratio (at 1kHz, 85dBf input)
MONO 92dB
STEREO 86dB
Stereo separation
1kHz ..... 62dB (WIDE)
Capture ratio ..... 1.0dB (WIDE), 2.5dB (NARROW)
Alternate channel selectivity
(±400kHz) ..... 60dB (WIDE)
Image rejection ratio (at 98 MHz) 90dB
IF rejection ratio (at 98MHz) 110dB
Spurious rejection ratio (at 98MHz) 100dB
AM suppression ratio 70dB
Frequency response (30Hz – 15kHz) ..... +0.5dB, -1.0dB
Output level/Impedance
(at 1kHz, 100% dev.) 0.8V/600Ω

AM Tuner Section
Tuning frequency range
531kHz – 1,602kHz ..... 9kHz step
530kHz – 1,610kHz ..... 10kHz step
Usable sensitivity 10µV (250µV/m)
Signal to noise ratio
(at 30% mod. 1mV input) 55dB
Total harmonic distortion 0.25%
Image rejection ratio (Loop) 40dB
Selectivity 30dB
Output level/Impedance
(at 30% mod.) 0.24V/0.6kΩ

General
Power consumption 20W
Dimension ..... W: 440mm
H: 97mm
D: 331mm
Weight 4.5kg

KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

KENWOOD poursuit une politique de progrès constants en ce qui concerne le développement. Pour cette raison, les spécifications sont sujettes à modifications sans préavis.

KENWOOD strebt ständige, Vebesserungen in der Entwicklung an. Daher bleiben Änderungen der technischen Daten jederzeit vorbehalten.

Note:
Component and circuitry are subject to modification to insure best operation under differing local conditions. This manual is based on, the Europe (E) standard, and provides information on regional circuit modification through use of alternate schematic diagrams, and information on regional component variations through use of parts list.

For Europe, Australia and U.K.

FM Tuner Section
Tuning frequency range ..... 87.5MHz – 108MHz
Usable sensitivity (DIN)
MONO 0.7µV
STEREO 25µV
Limiting level (DIN at 75Ω) 0.45µV
Total harmonic distortion (DIN at 1kHz)
MONO ..... 0.007% (WIDE)
STEREO ..... 0.015% (WIDE)
Signal to noise ratio
(DIN weighted at 1kHz, 65.2dBf input)
MONO 88dB
STEREO 76dB
Stereo separation (DIN)
1kHz ..... 62dB (WIDE)
6.3kHz ..... 55dB (WIDE)
Capture ratio ..... 1.0dB (WIDE)
Alternate channel selectivity
(DIN ±300kHz) ..... 75dB (NORMAL)
Image rejection ratio (at 98 MHz) 90dB
IF rejection ratio (at 98MHz) 110dB
Spurious rejection ratio (at 98MHz) 100dB
AM suppression ratio 70dB
Frequency response (30Hz – 15kHz) ..... +0.5dB, -1.0dB
Output level/Impedance
(at 1kHz, 100% dev.) 0.8V/600Ω

AM Tuner Section
Tuning frequency range ..... 531kHz – 1,602kHz
Usable sensitivity 10µV (250µV/m)
Signal to noise ratio
(at 30% mod. 1mV input) 55dB
Total harmonic distortion 0.25%
Image rejection ratio (Loop) 40dB
Selectivity 30dB
Output level/Impedance
(at 30% mod.) 0.24V/0.6kΩ

General
Power consumption 20W
Dimension ..... W: 440mm
H: 97mm
D: 331mm
Weight 4.5kg

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